

EXHIBIT A

SCHEMATIC DESIGN

DRAWINGS SET &

PRELIMINARY PROJECT DESCRIPTION



Eagle, Colorado

Eagle County Justice Center

SCHEMATIC DESIGN

04/10/2026

AndersonMasonDale

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS AND SYMBOLS ARE USED ON DRAWINGS CONTAINED IN THE SET. SYMBOLS AND ABBREVIATIONS ON THIS SHEET APPLY ONLY TO ARCHITECTURAL DRAWINGS

A/C	AIR CONDITIONING	FBO	FURNISHED BY OWNER	PWD	PLYWOOD
ACF	ACCESS FLOORING	FD	FLOOR DRAIN	QTY	QUANTITY
ACR	ACRYLIC	FEC	FIRE EXTINGUISHER CABINET	R	RESISTANCE, THERMAL, RISER
ACST	ACOUSTIC	FEX	FIRE EXTINGUISHER	RAD	RADIUS
AD	AREA DRAIN	FIN	FINISH (ED)	RB	RESILIENT BASE
ADD	ADDENDUM	FLR(G)	FLOOR (ING)	RCP	REFLECTED CEILING PLAN
ADH	ADHESIVE	FND	FOUNDATION	RD	ROOF DRAIN
ADJ	ADJACENT	FOS	FACE OF STUD	RE	REFERENCE, REFER TO
ADJUST	ADJUSTABLE	FR	FIRE RESISTIVE	REINF	REINFORCING
AFF	ABOVE FINISHED FLOOR	FT	FOOT, FEET	REM	REMOVE
AHU	AIR HANDLING UNIT	FTG	FOOTING	REQ	REQUIRED (D)
AL, ALUM	ALUMINUM	FUT	FUTURE	RM	ROOM
ALT	ALTERNATE			RO	ROUGH OPENING
ANOD	ANODIZED	GA	GAGE, GAGE	ROW	RIGHT OF WAY
APC	ACOUSTICAL PANEL CEILING	GALV	GALVANIZED		
APPROX	APPROXIMATE (LY)	GB	GYPSON BOARD	RR	RESTROOM
ARCH	ARCHITECTURAL	GBAR	GRAB BAR	SLBK	SPLASH BLOCK
ARGB	ABUSE RESISTANT GYPSUM BOARD	GC	GENERAL CONTRACT (OR)	SC	SOLID CORE
ASPH	ASPHALT	GL	GLASS, GLAZING	SCH	SCHEDULE
AUTO	AUTOMATIC	GR	GRILLE	SD	STORM DRAIN
AW	ALUMINUM WINDOW			SEC	SECTION
		HB	HOSE BIB	SF	STOREFRONT
BD	BOARD	HC	HOLLOW CORE	SHT	SHEET
BLDG	BUILDING	HDW	HARDWARE	SMTH	SHEATHING
BLK(G)	BLOCK (ING)	HM	HOLLOW METAL	SM	SIMILAR
BM	BEAM	HCR	HORIZONTAL	SOG	SLAB ON GRADE
BO	BY OTHERS	HPT	HIGH POINT	SPEC	SPECIFICATION (S)
BOT	BOTTOM	HR	HOUR	SPL	SPECIAL
BR	BACKER ROD	HT	HEIGHT	SQ	SQUARE
BRG	BEARING	HTR	HEATER	SST	STAINLESS STEEL
BRK	BREAK	HVAC	HEATING/VENTILATION/AC	STC	SOUND TRANSMISSION CLASS
BS	BOTH SIDES	HW	HOT WATER	STD	STANDARD
BSMT	BASEMENT	HWH	HOT WATER HEATER	STL	STEEL
BTWN	BETWEEN			STO	STORAGE
BUR	BUILT UP ROOFING	ID	INSIDE DIAMETER	STO	STRUCTURAL
BZD	BRONZE DOOR	IN	INCH (ES)	SUS	SUSPENDED
BZF	BRONZE FRAME	INCL	INCANDESCENT		
		INCL	INCLUDE (D, ING)	SYM	SYMMETRICAL
CAB	CABINET	INFO	INFORMATION	T	TREAD
CFM	CUBIC FEET/MINUTE	INS	INSULATE (D, ION)	T&B	TOP AND BOTTOM
CG	CORNER GUARD	INT	INTERIOR	T&G	TONGUE AND GROOVE
CIPC	CAST-IN-PLACE CONCRETE	INV	INVERT	TEL	TELEPHONE
CJ	CONTROL JOINT			TEMP	TEMPERATURE
CL	CENTERLINE	JT	JOINT	THK	THICK (NESS)
CLG	CEILING	LAB	LABORATORY	THR	THRESHOLD
CLO	CLOSET	LAM	LAMINATE (D)	THRU	THROUGH
CLR	CLEAR (ANCE)	LAV	LAVATORY	TO	TOP OF
CMU	CONCRETE MASONRY UNIT	LB	FOUND (S)	TOB	TOP OF BEAM
CNC	CONCRETE COUNTERTOP	LIB	LIBRARY	TOC	TOP OF CURB
CO	CLEANOUT	LIN	LINEAL	TOI	TOP OF INSULATION
COL	COLUMN	LKR	LOCKER	TOM	TOP OF MASONRY
COMP	COMPRESSED (ED, ION, IBLE, OR)	LT	LIGHT	TOP	TOP OF PARAPET
CONC	CONCRETE			TOS	TOP OF SLAB
CONST	CONSTRUCTION	MAINT	MAINTAIN (ENANCE)	TOSTL	TOP OF STEEL
CONT	CONTINUOUS OR CONTINUE	MAS	MASONRY	TOW	TOP OF WALL
CONTR	CONTRACT (OR)	MAX	MAXIMUM	TPART	TOILET PARTITION
COORD	COORDINATE	MC	MECHANICAL CONTRACTOR	TPD	TOILET PAPER DISPENSER
CORR	CORRIDOR	MECH	MECHANIC (AL)	TR	TRANSOM
CORRUG	CORRUGATED	MET	METAL	TS	TUBE STEEL
CP	CEMENT PLASTER (STUCCO)	MFR	MANUFACTURE (ER)	TV	TELEVISION
CPT	CARPET (ED)	MH	MANHOLE	TYP	TYPICAL
CS	CAST STONE	MIN	MINIMUM		
CSNK	COUNTERSINK/COUNTERSUNK	MIR	MIRROR	TZ	TERRAZZO
CT	CERAMIC TILE	MISC	MISCELLANEOUS	UL	UNDERWRITERS LABORATORY
CTR	CENTERLINE	MO	MASONRY OPENING	UNFIN	UNFINISHED
CW	CURTAIN WALL	MR	MOISTURE RESISTANT	UON	UNLESS OTHERWISE NOTED
		MT	MOUNT (ED, ING)		
		MTL	MATERIAL (S)	UR	URNAL
DBL	DOUBLE	NA	NOT APPLICABLE	VAR	VARIABLE (VARIES)
DEMO	DEMOLISH, DEMOLITION	NC	NOT IN CONTRACT	VB	VAPOR BARRIER
DF	DRAINING FOUNTAIN	NO	NUMBER	VCT	VINYL COMPOSITION TILE
DG	DECORATIVE GLAZING	NOM	NOMINAL	VERT	VERTICAL
DIAM	DIAMETER	NR	NONE REQUIRED	VEST	VESTIBULE
DIM	DIMENSION	NRC	NOISE REDUCTION COEFFICIENT		
DISP	DISPOSAL	NTS	NOT TO SCALE	VIF	VERIFY IN FIELD
DM	DECORATIVE METAL	OA	OVERALL	W	WIDE OR WIDTH
DN	DOWN	OB	OBSCURE	WI	WITH
DP	DEMOUNTABLE PARTITION	OC	ON CENTER (S)	W/O	WITHOUT
DPF	DAMP PROOFING	OD	OUTSIDE DIAMETER	WC	WATER CLOSET
DR	DOOR	OFCI	OWNER FURNISHED CONTRACTOR	WO	WOOD
DRY	DRYER	OFI	OWNER FURNISHED CONTRACTOR	WP (G)	WATERPROOF (ING)
DS	DOWNSPOUT	OFI	OWNER FURNISHED CONTRACTOR	WR	WATER RESISTANT
DTL	DETAIL	OFI	OWNER FURNISHED CONTRACTOR	WWF	WELODED WIRE FABRIC
DWG	DRAWING	OFI	OWNER FURNISHED CONTRACTOR		
		OH	OVERHEAD		
EA	EACH	OPG	OPENING		
EC	EXPANSION CONTROL	OPH	OPPOSITE HAND		
EF	ENTRANCE FLOORING (GRILLES OR MATTS)	OPP	OPPOSITE		
EFC	ENTRANCE FLOOR CARPETING	ORD	OVERFLOW ROOF DRAIN		
EJ	EXPANSION JOINT				
EL	ELEVATOR	OZ	OUNCE		
ELEC	ELECTRIC (AL)	PAR	PARALLEL		
ELEV	ELEVATION	PC	PRECAST CONCRETE		
ENC	ENCLOSE (URE)	PERP	PERPENDICULAR		
ENT	ENTRANCE	PL	PLATE		
EPNT	EPOXY PAINT	PLAN	PLASTIC LAMINATE		
EQ	EQUAL	PLBG	PLUMBING		
EQP	EQUIPMENT	PNT	PAINT (ED)		
EWC	ELECTRIC WATER COOLER	PRN	PORCELAIN		
EXH	EXHAUST	PSF	POUNDS PER SQUARE FOOT		
EXIST, EX. (E)	EXISTING	PSI	POUNDS PER SQUARE INCH		
EXP	EXPOSED	PTN	PARTITION		
EXPN	EXPANSION	PVC	POLYVINYL CHLORIDE		
EXT	EXTERIOR	PVMT	PAVEMENT		

SYMBOLS LEGEND

GRAPHIC SYMBOLS

DISCIPLINE INDEX

GENERAL INFORMATION
CIVIL DRAWINGS
LANDSCAPE DRAWINGS
IRRIGATION DRAWINGS
STRUCTURAL DRAWINGS
ARCHITECTURAL DRAWINGS
MECHANICAL DRAWINGS
PLUMBING DRAWINGS
FIRE PROTECTION DRAWINGS
ELECTRICAL DRAWINGS
TECHNOLOGY DRAWINGS

CONTENT INDEX

GENERAL INFORMATION AND STANDARDS
PLANS INCLUDING SITE, FLOOR, CEILING, FINISH AND ROOF DRAWINGS
EXTERIOR ELEVATIONS AND BUILDING SECTIONS
ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
SCHEDULES AND ASSOCIATED DETAILS
WALL SECTIONS AND EXTERIOR DETAILS
INTERIOR DETAIL DRAWINGS
POWER AND SIGNAL DRAWINGS

SHEET NUMBERING

DISCIPLINE ABBREVIATION
DRAWING CONTENT CATEGORY
SHEET NUMBER

A-401

KEYNOTES

INTERNAL ORGANIZATIONAL IDENTIFIER, NOT RELATED TO SPEC
SPEC SECTION FOR IDENTIFIED ELEMENT

MATERIAL PATTERNS

BRICK MASONRY
CEMENT PLASTER
CONCRETE - CAST-IN-PLACE
CONCRETE MASONRY
EARTH OR BACKFILL
GRAVEL OR ROAD BASE
GYPSUM BOARD
INSULATION - BATT
INSULATION - BATT - MINERAL WOOL
INSULATION - RIGID
INSULATION - RIGID - MINERAL WOOL
INSULATION - SPRAY FOAM
LIMESTONE
METAL - ALUMINUM
METAL - STEEL
MORTAR
PLYWOOD
WOOD
DAMP-PROOFING (BROWN)
WATERPROOFING (BLUE)
AIR BARRIER (GREEN)
FLEXIBLE FLASHING - AIR BARRIER (GREEN)
WEATHER BARRIER (GREEN)
UNDERLAYMENT (BLUE)
VAPOR RETARDER (BROWN)
FLEXIBLE FLASHING - MASONRY (BLUE)
FLASHING, ROOF MEMBRANE (BLUE)

TEXT SYMBOLS

@ D
A T
X OR B
x Y
FOUND OR NUMBER
I O : PE
R R
X (X)
" FEET
X (X)
" INCHES

SHEET INDEX

GENERAL	
G-000	COVER SHEET
G-100	INDEX & ABBREVIATIONS
G-101	CODE STUDY
G-102	OCCUPANCY FLOOR PLANS
CIVIL	
C-100	SITE PLAN
C-200	GRADING SOUTH
C-201	GRADING NORTH
LANDSCAPE	
L-101	MATERIALS PLAN
L-301	ENLARGED GRADING PLAN
L-401	PLANTING PLAN
STRUCTURAL	
S-101	OVERALL LEVEL 1 PLAN
S-101A	LEVEL 1 EXISTING BLDG WOODS - EAST
S-101B	LEVEL 1 FOUNDATION PLAN - WEST
S-102	OVERALL LEVEL 2 PLAN
S-102B	LOW ROOF FRAMING PLAN - WEST
S-103B	HIGH ROOF FRAMING PLAN - WEST
ARCHITECTURAL	
AD-101A	FIRST FLOOR DEMO PLAN - EAST
AD-101B	FIRST FLOOR DEMO PLAN - WEST
AD-103	ROOF DEMO PLAN
ARCHITECTURAL SITE PLAN	
A-101	LEVEL 1 FLOOR PLAN
A-101A	LEVEL 1 FLOOR PLAN - EAST
A-101B	LEVEL 1 FLOOR PLAN - WEST
A-102	LEVEL 1 FLOOR PLAN
A-102B	LEVEL 2 FLOOR PLAN - WEST
A-103	ROOF LEVEL PLAN
A-111A	FIRST LEVEL REFLECTED CEILING PLAN - EAST
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A-121B	FIRST LEVEL FINISH PLAN - WEST
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MECHANICAL	
M-101	LEVEL 1 FLOOR PLAN
M-101A	LEVEL 1 FLOOR PLAN - EAST
M-101B	LEVEL 1 FLOOR PLAN - WEST
M-102	LEVEL 2 FLOOR PLAN
M-102B	LEVEL 2 FLOOR PLAN - WEST

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NOT FOR CONSTRUCTION

SCHEMATIC DESIGN

10 APRIL 2028

INDEX & ABBREVIATIONS

G-100

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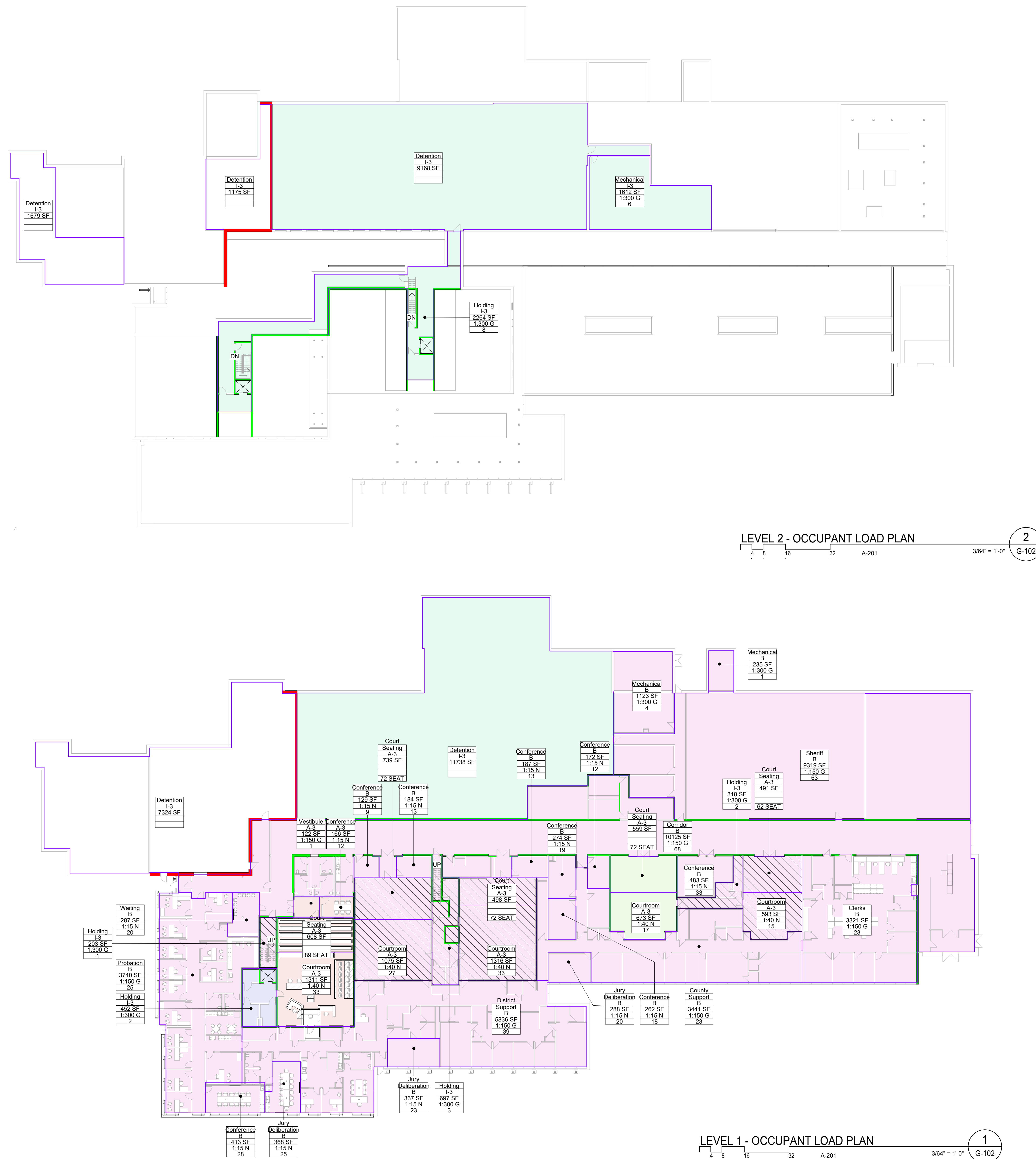
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SCHEMATIC DESIGN 10 APRIL 2026

OCCUPANCY FLOOR PLANS

G-102





GRADING NOTES:

-



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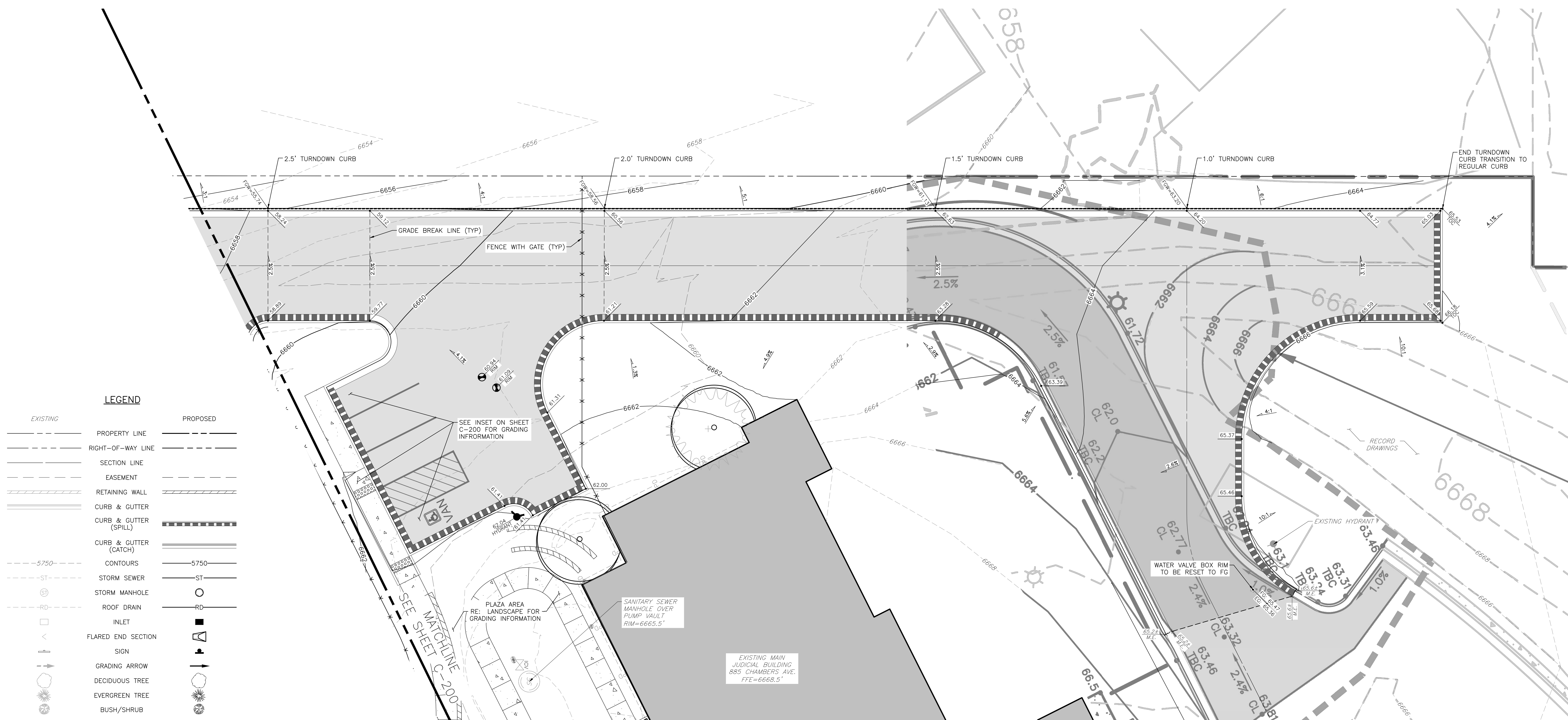
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GRADING SOUTH

C-200

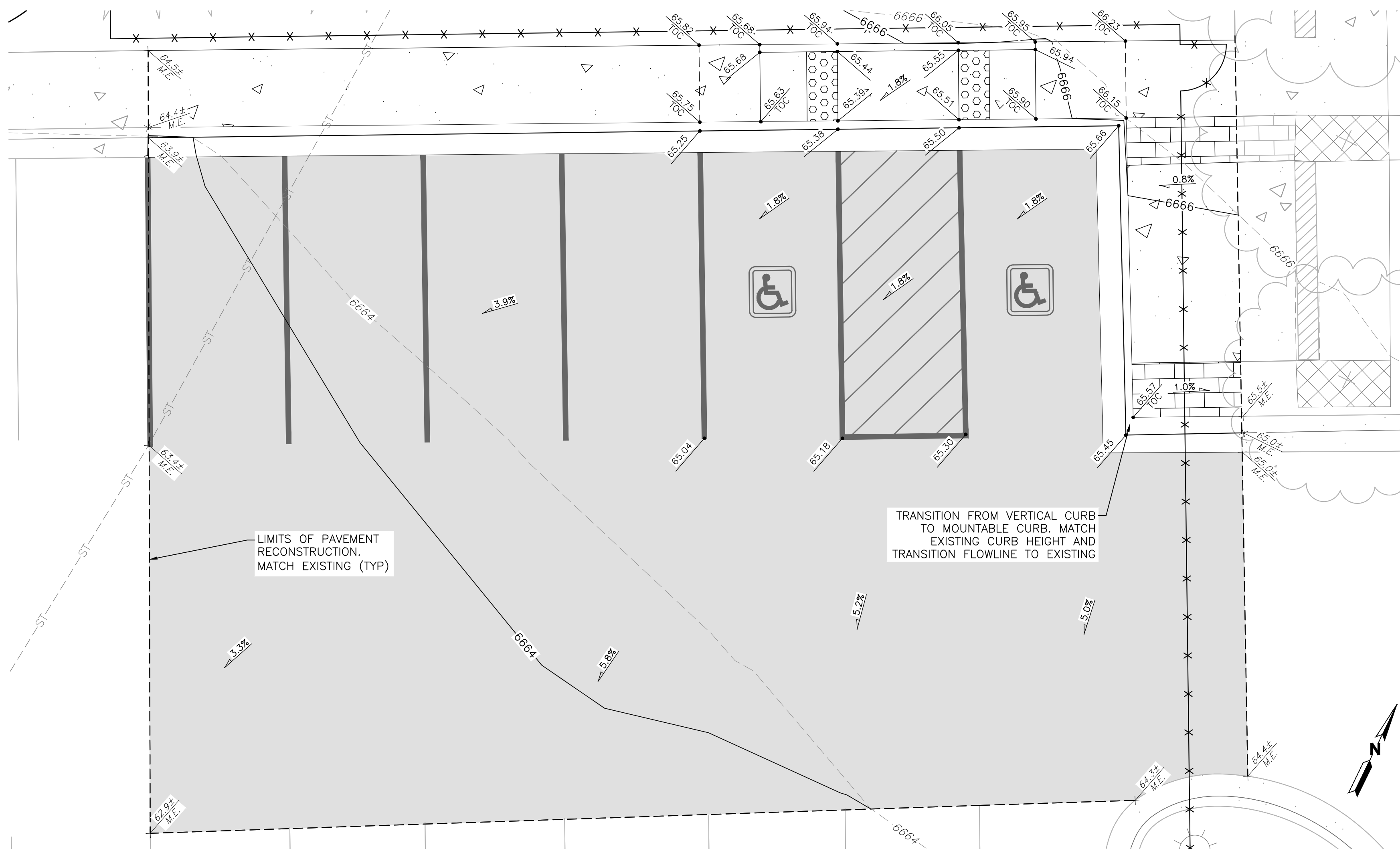
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LEGEND	
EXISTING	PROPOSED
	PROPERTY LINE
	RIGHT-OF-WAY LINE
	SECTION LINE
	EASEMENT
	RETAINING WALL
	CURB & GUTTER
	CURB & GUTTER (SPILL)
	CURB & GUTTER (CATCH)
	CONTOURS
	STORM SEWER
	STORM MANHOLE
	ROOF DRAIN
	INLET
	FLARED END SECTION
	SIGN
	GRADING ARROW
	DECIDUOUS TREE
	EVERGREEN TREE
	BUSH/SHRUB
	DRIVE
	SPOT ELEVATIONS

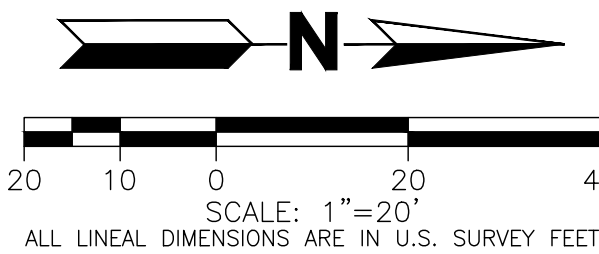
GRADING NOTES:

- ALL SITE GRADING [EXCAVATION, EMBANKMENT, AND COMPACTION] SHALL CONFORM TO THE RECOMMENDATIONS OF THE LATEST GEOTECHNICAL INVESTIGATION FOR THIS PROPERTY AND SHALL FURTHER BE IN CONFORMANCE WITH THE [LOCAL JURISDICTION]'S "STANDARDS AND SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF PUBLIC IMPROVEMENTS," LATEST EDITION.
- THE GRADING DESIGN SHOWN HEREON HAS BEEN PREPARED IN CONFORMANCE WITH THE REQUIREMENTS OF FHA AND HUD CRITERIA AND TO THE GREATEST EXTENT POSSIBLE, IN ACCORDANCE WITH THE GEOTECHNICAL REPORT RECOMMENDATIONS FOR THIS PROJECT. VARIOUS CONFLICTING DESIGN CRITERIA MAKE TOTAL COMPLIANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS DIFFICULT [ADA, SITE PLAN LAYOUT, ETC.]. THUS, THESE PLANS HAVE BEEN PROVIDED TO THE GEOTECHNICAL ENGINEER FOR REVIEW AND COMMENT RELATIVE TO COMPLIANCE WITH THEIR RECOMMENDATIONS. IF THE GEOTECHNICAL ENGINEER DETERMINES THE DESIGN MAY COMPROMISE THE ACCEPTABLE PERFORMANCE OF THE STRUCTURES AND/OR PAVEMENTS, UPON RECEIPT OF THE WRITTEN COMMENTS FROM THE GEOTECHNICAL ENGINEER, COMMENTS WILL BE DISCUSSED AND RESOLVED WITH THE OWNER AND THE GEOTECHNICAL ENGINEER, AND WILL BE ADDRESSED IN A MANNER AS DIRECTED BY THE OWNER.
- ALL NEWLY CONSTRUCTED OR ALTERATIONS OF ACCESSIBILITY ROUTES (WALKS, RAMPS, ENTRANCES, ETC.) SHALL COMPLY WITH THE RULES AND REGULATIONS SET FORTH BY ADA, ADAAG, CITY, STATE, FEDERAL OR JURISDICTION HAVING AUTHORITY, INCLUDING BUT NOT LIMITED TO: 5% MAXIMUM GRADE ON WALKS WITHOUT HANDRAILS, 8.33% MAXIMUM GRADE ON WALKS WITH HANDRAILS AND LEVEL LANDINGS (MAXIMUM 2% COMPOSITE SLOPE), 2% MAXIMUM CROSS SLOPE ON WALKS AND 2% MAXIMUM COMPOSITE SLOPE IN ACCESSIBLE PARKING/LOADING AREAS. NO TOLERANCE REGARDING MAXIMUM SLOPES WILL BE ALLOWED. DURING CONSTRUCTION, CONTRACTOR SHALL COORDINATE AS NECESSARY WITH OWNER, DEVELOPER, ENGINEER, ARCHITECT, OR DESIGNATED OFFICIAL IF RULES AND REGULATIONS OF ACCESSIBILITY ROUTES CAN NOT BE MET. IN ADDITION, OWNER IS ADVISED THAT REGULAR MAINTENANCE PROGRAMS SHOULD BE IMPLEMENTED AFTER CONSTRUCTION TO KEEP EXISTING ROUTES SAFE, USABLE, AND ADA COMPLIANT.
- IT IS THE INTENTION OF THE PROJECT GRADING PLANS TO BE IN STRICT COMPLIANCE WITH, AND OR EXCEED, THE PROJECT'S GEOTECHNICAL ENGINEER'S GRADING RECOMMENDATIONS. IF THE CONTRACTOR BELIEVES A DEVIATION EXISTS BETWEEN THE PLANS AND THE GEOTECHNICAL RECOMMENDATION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND REQUEST WRITTEN CLARIFICATION PRIOR TO PROCEEDING WITH WORK. THE GENERAL CONSTRUCTION SPECIFICATION IS THAT THE MOST RESTRICTIVE REQUIREMENT/RECOMMENDATION GOVERNS THE CONSTRUCTION OF THE PROJECT.
- EXISTING ELEVATIONS SHOWN ON THIS DRAWING HAVE BEEN DEPICTED FROM BEST AVAILABLE INFORMATION AND ARE SHOWN TO THE EXTENT KNOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING GRADE CONDITIONS AT THE LIMITS OF CONSTRUCTION AND AT LOCATIONS THAT INTERFACE WITH EXISTING OR PROPOSED STRUCTURES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES THAT CONTRADICT THE ENGINEER'S INTENT FOR DRAINAGE PATTERNS, MAXIMUM AND MINIMUM SLOPES, AND PROPOSED ELEVATIONS AS SHOWN ON THE PLAN. THE ENGINEER WILL NOT BE LIABLE FOR ANY COSTS ASSOCIATED WITH CHANGES TO THE DESIGN WITHOUT PROPER NOTIFICATION.
- PROPOSED CONTOURS AND SPOT ELEVATIONS AS SHOWN HEREIN ARE DEFINED AS FINISHED ELEVATION AFTER PAVING, LANDSCAPING, ETC. CONTRACTOR SHALL COORDINATE WITH GEOTECH FOR PAVEMENT THICKNESS AND LANDSCAPE FOR THICKNESS OF TOPSOIL, SOD AND LANDSCAPE MATERIALS.
- ALL ISLANDS ARE TO BE GRADED SUCH THAT THERE IS A POSITIVE DRAINAGE TO ADJACENT CURB AND GUTTER.
- COMMERCIAL BUILDING FINISHED FLOOR [OR TOP OF FOUNDATION] ELEVATIONS MUST BE A MINIMUM 1.0 FEET ABOVE THE 100-YEAR WATER SURFACE ELEVATION AND RESIDENTIAL MUST BE A MINIMUM 2.0 FEET ABOVE THE 100-YR WATER SURFACE.
- TEMPORARY CUT/FILL SLOPES SHALL NOT EXCEED A STEEPNESS OF [1:1] (H:V). PERMANENT SLOPES SHALL NOT EXCEED [4:1] (H:V) [UNLESS NOTED OTHERWISE] IN AREAS TO BE SEEDED OR SODDED.
- CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED MANHOLE RIMS, VALVE BOXES, ETC. TO MATCH FINAL GRADE.
- REFER TO FINAL DRAINAGE STUDY DATED [] PREPARED BY MARTIN/MARTIN, INC. FOR DRAINAGE BASINS, FLOWS, AND INTENDED DRAINAGE PATTERNS.
- MARTIN/MARTIN IS PROVIDING LINE AND GRADE FOR THE RETAINING WALLS SHOWN HEREON. THE WALL LAYOUT/GRADING SHOWN IS PROVIDED TO THE WALL DESIGNER/CONTRACTOR AS A COURTESY. THE WALL DESIGNER SHALL TAKE INTO CONSIDERATION ALL JURISDICTIONAL REQUIREMENTS, GEOTECHNICAL INFORMATION AND REQUIREMENTS, AND GRADING/DRAINAGE PATTERNS IN THE DESIGN OF THE WALLS. THE RETAINING WALL DESIGN NEEDS TO ACCOMMODATE THE EFFECTS OF UNCONTROLLED RUNOFF FROM UP-GRADIENT OF THE WALLS, INCLUDING HYDROSTATIC PRESSURE AND EROSION. REFER TO GRADING PLANS DATED [] PREPARED BY MARTIN/MARTIN FOR PROPOSED GRADING AND TO THE FINAL DRAINAGE REPORT DATED [] PREPARED BY MARTIN/MARTIN FOR DRAINAGE BASINS AND PATTERNS.



NOTE:

- VERTICAL DATUM OF RECORD DRAWINGS AND TOPOGRAPHIC SURVEY DIFFER BY APPROXIMATELY 2 FEET.



CALL 811 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

MARTIN/MARTIN ASSUMES NO RESPONSIBILITY FOR UTILITY LOCATIONS. UNLESS OTHERWISE NOTED, THE UTILITIES SHOWN ON THIS DRAWING ARE BASED ON INFORMATION PROVIDED BY OTHERS AND DEPICTED AS ASCE (38) QUALITY LEVEL D. IN ACCORDANCE WITH THE PROVISIONS OF COLORADO REVISED STATUTE, TITLE 9, IT IS THE CONTRACTORS RESPONSIBILITY TO CALL COLORADO 811 UTILITY LOCATE SERVICE FOR UTILITY LOCATES BEFORE DIGGING, AND FIELD VERIFY THE SIZE, MATERIAL, HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES (DEPICTED OR NOT DEPICTED) PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

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Technology, AV Security

BCER Engineering Inc
5420 Ward Road
Arvada, CO 80002
719 533 1112
www.bcer.com

SCHEMATIC DESIGN

10 APRIL 2026

GRADING NORTH

C-201

Eagle County Justice Center

885 Chambers Ave
Eagle, CO 81631

25-041

Owner

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500 Broadway
P.O. Box 850
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970-328-8600
www.eaglecounty.us

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Landscape Architect

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Structural Engineer

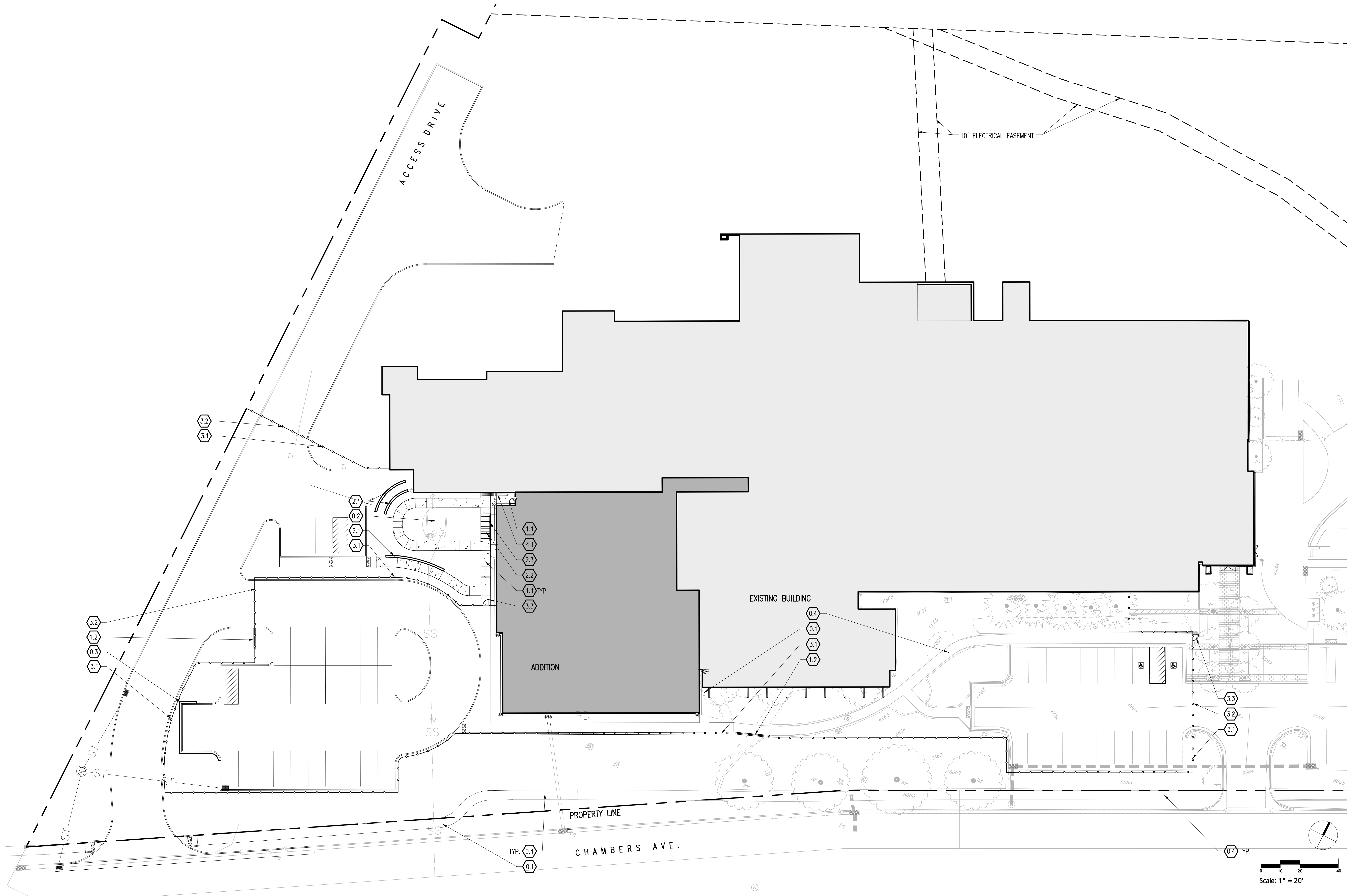
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GENERAL NOTES

1. REFER TO CIVIL + ARCH DRAWINGS FOR ALL LAYOUT & UTILITY INFORMATION NOT INCLUDED ON THIS PLAN.
2. CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES, ABOVE AND BELOW GRADE, PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS.
3. REFER TO IRRIGATION DRAWINGS FOR NOTES REGARDING IRRIGATION SYSTEM CONSTRUCTION.
4. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION PERTAINING TO THE PROJECT MATERIALS, PROCEDURES AND INSTALLATION.
5. DIMENSIONS MARKED "VERIFY" ARE TO BE FIELD MEASURED. ANY FIELD DISCREPANCIES FROM THE NOTED DIMENSIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT, LANDSCAPE ARCHITECT, AND OWNER'S REP. PRIOR TO FURTHER WORK.
6. THE CONTRACTOR IS RESPONSIBLE FOR ANY TRACKING OF SEDIMENT ONTO AREA STREETS. STREETS ARE TO BE KEPT CLEAN THROUGHOUT BUILD OUT ON A DAILY BASIS, AND WILL BE CLEANED AT THE DIRECTION OF THE TOWN INSPECTOR, THE OWNER'S REP., OR CONSTRUCTION MANAGER ON A DAILY BASIS.
7. REFER TO DRAWINGS PREPARED BY THE CIVIL ENGINEER + ARCH FOR ALL OTHER PAVING, UTILITIES, GRADING AND ADDITIONAL SITE INFORMATION, AND BY THE ELECTRICAL ENGINEER FOR ALL OTHER SITE LIGHTING INFORMATION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN DRAWINGS AND BETWEEN DRAWINGS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
8. THESE DRAWINGS USE A SYSTEM OF KEYNOTES FOR MATERIAL DESIGNATIONS AND SPECIFIC SITUATION NOTES. CONTRACTOR TO BE FAMILIAR WITH SYSTEM PRIOR TO COMMENCING WORK. CONTACT ARCHITECT, LANDSCAPE ARCHITECT, AND OWNER'S REP. IF CONFLICTS ARE FOUND OR SYSTEM IS NOT CLEAR.

MATERIALS KEY NOTES

- 0.0 MISC.**
- 0.1 CONCRETE PAVING, RE: CIVIL
 - 0.2 EXISTING MACERATOR TO REMAIN AND BE PROTECTED
 - 0.3 WALL, RE: CIVIL
 - 0.4 EXISTING SIDEWALK TO REMAIN AND BE PROTECTED
- 1.0 PAVING AND SURFACING**
- 1.1 CONCRETE PAVING
 - 1.2 CIP CONCRETE MOWBAND
- 2.0 WALLS/STEPS/HANDRAILS**
- 2.1 SITE RETAINING WALL
 - 2.2 CIP CONCRETE STAIRS
 - 2.3 HANDRAIL, MATCH EXISTING
- 3.0 FENCES**
- 3.1 AMERISTAR IMPASSE II FENCE
 - 3.2 AMERISTAR VEHICULAR GATE
 - 3.3 AMERISTAR PEDESTRIAN GATE
- 4.0 SITE FURNISHINGS**
- 4.1 BENCH

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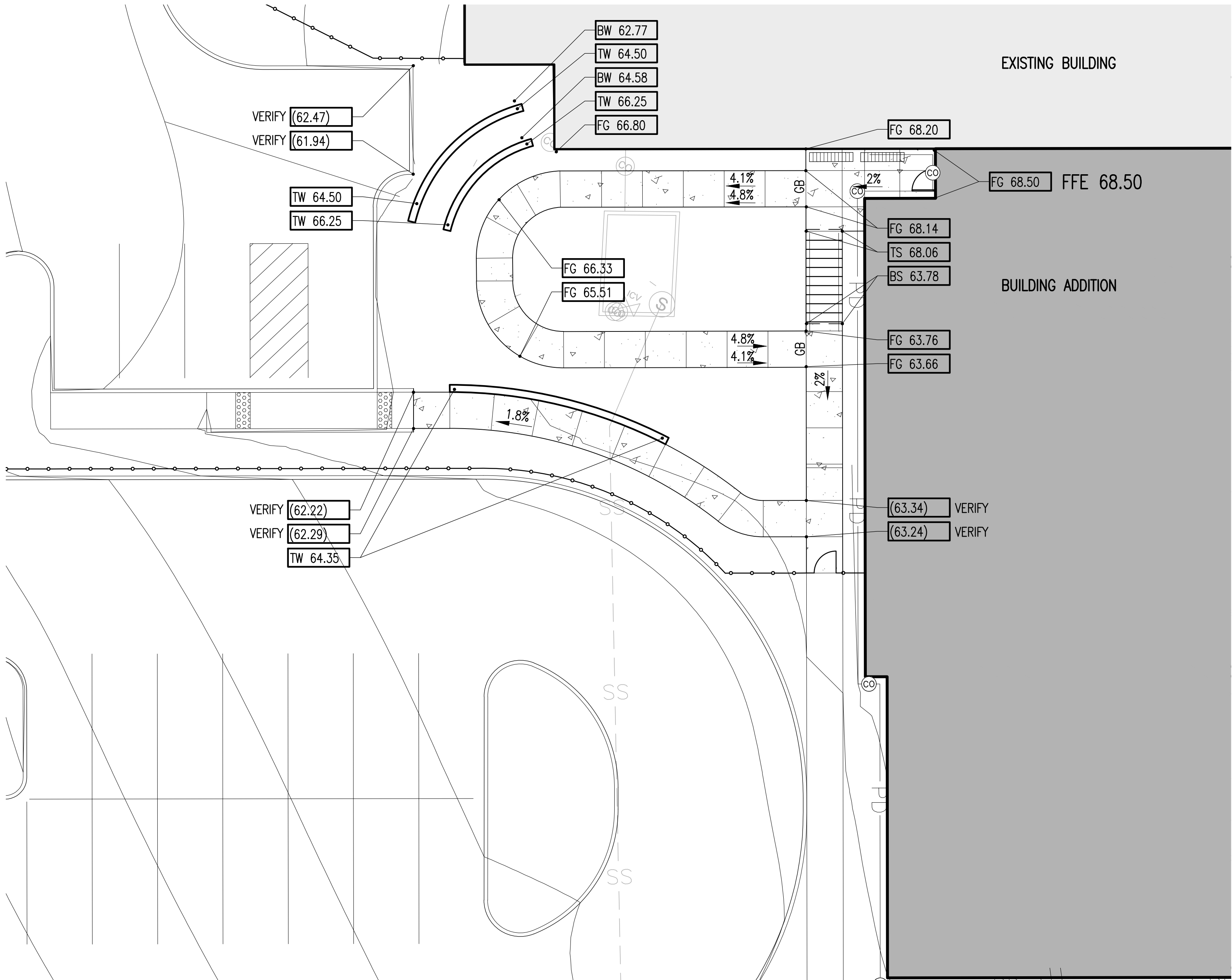
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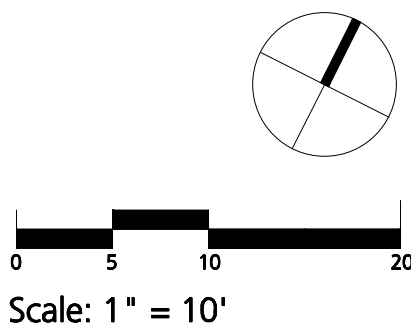


GRADING NOTES

- GRADE BREAK IN PAVING TO OCCUR @ CONTROL/EXPANSION JOINT, UNLESS OTHERWISE NOTED.
- MINIMUM SLOPE 2%, MAXIMUM SLOPE 3:1, UNLESS OTHERWISE NOTED.
- FINAL GRADES TO BE REVIEWED BY ARCHITECT & LANDSCAPE ARCHITECT PRIOR TO SEEDING & PLANTING.
- PROVIDE CONTINUOUS TRANSITIONS BETWEEN SLOPES UNLESS OTHERWISE NOTED ON DRAWINGS.
- PROVIDE MAX. 2% CROSS SLOPE, MAX. LONGITUDINAL GRADES TO BE 5% ON ALL CONCRETE WALKS UNLESS OTHERWISE NOTED.
- GRADES MARKED 'VERIFY' SHOULD BE FIELD CHECKED. ARCHITECT AND LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF DISCREPANCIES BETWEEN AS-BUILT AND PROPOSED GRADES.
- REFER TO CIVIL GRADING PLAN FOR GRADING INFORMATION IN ALL DRIVEWAYS AND CURB AND GUTTER. BRING TO THE ARCHITECT'S, CIVIL ENGINEER'S AND LANDSCAPE ARCHITECT'S ATTENTION ANY DISCREPANCIES BETWEEN THE CIVIL AND LANDSCAPE GRADING PLANS.
- REFERENCE SURVEY AS SOURCE FOR ALL EXISTING GRADING INFORMATION.
- CONTRACTOR TO VERIFY TOP OF CURB GRADES PRIOR TO POURING FLATWORK. PAVING IN ROW NOT TO EXCEED 2% CROSS SLOPE. NOTIFY ARCHITECT AND LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- RAISE ALL VALVE BOXES AND MANHOLES TO MEET PROPOSED GRADES.

ABBREVIATIONS

BOB	BOTTOM OF BERM
BOC	BACK OF CURB
BR	BOTTOM OF RAMP
BW	BOTTOM OF WALL
BS	BOTTOM OF STEP
CLS	CENTER LINE OF SWALE
EJ	EXPANSION JOINT
F.F.E	FINISH FLOOR ELEVATION
FG	FINISH GRADE
FOB	FACE OF BUILDING
FOC	FACE OF CURB
FOW	FACE OF WALL
GB	GRADE BREAK
HP	HIGH POINT
ITD	INVERT OF TRENCH DRAIN
LP	LOW POINT
PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
RE	RIM ELEVATION
TBS	TOP BACK OF SIDEWALK
TBC	TOP BACK OF CURB
TC	TOP OF CURB
TOB	TOP OF BERM
TR	TOP OF RAMP
TS	TOP OF STEP
TW	TOP OF WALL/FENCE
(XX.XX)	VERIFY SPOT GRADE



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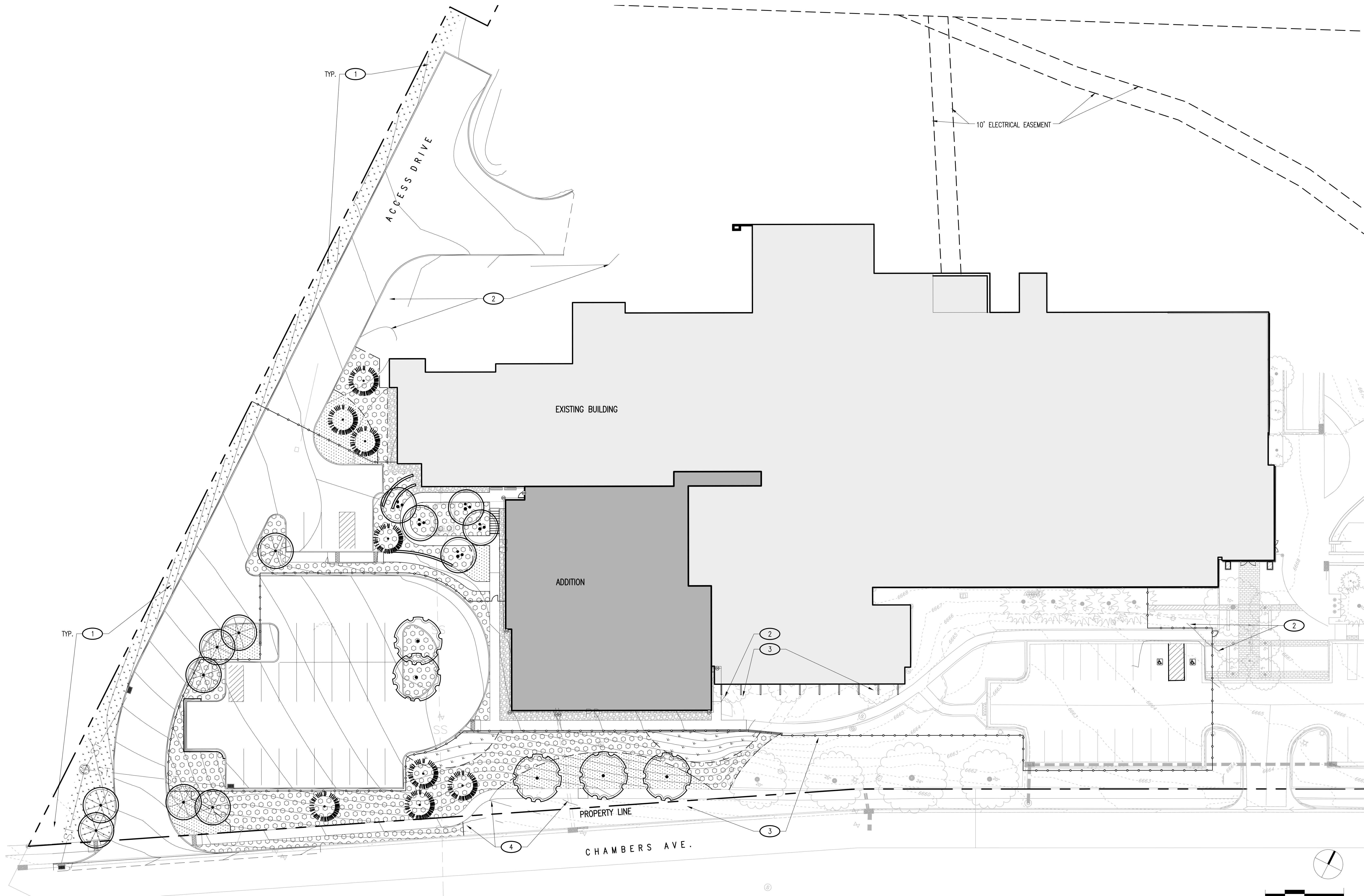
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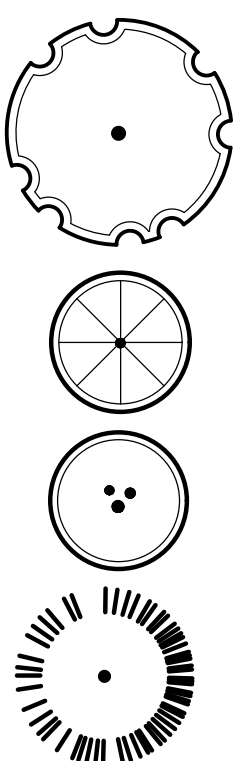
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PLANTING NOTES

1. A NUMBER OF BURIED UTILITY LINES ARE LOCATED WITHIN THE PROJECT LIMITS. THESE LINES MAY BE LESS THAN 24" BELOW THE EXISTING FINISH GRADE. HAND DIG IN THE VICINITY OF THESE LINES, AND NOTIFY ARCHITECT/OWNER IF THE LINES ARE EXPOSED PRIOR TO RE-BURYING.
2. STAKE ALL NEW TREE LOCATIONS BASED ON THESE PLANS. OBTAIN ARCHITECT'S, LANDSCAPE ARCHITECT, AND OWNER'S REP. APPROVAL OF LOCATIONS PRIOR TO PLANTING.
3. PLANT QUANTITIES ARE PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY AND SHALL BE VERIFIED BY CONTRACTOR BY REVIEWING PLANTING PLAN SYMBOLS.
4. PLANT AND EDGING LAYOUT SHALL TAKE PRIORITY OVER IRRIGATION VALVE BOX LOCATIONS. INSTALLED VALVE BOXES WHICH CONFLICT WITH ACCEPTED PLANT AND EDGING LAYOUT SHALL BE MOVED TO A LOCATION BETWEEN PLANTS AS DIRECTED BY ARCHITECT AT NO ADDITIONAL COST TO OWNER.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL PLANT MATERIAL INCLUDING SEEDED AREAS IN A HEALTHY STATE DURING CONSTRUCTION. ANY DAMAGE TO PLANT MATERIAL DUE TO NEGLIGENCE BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
6. PROJECT INCLUDES EXTENSIVE IRRIGATION AND UTILITY SYSTEMS MANY OF WHICH ARE CLOSE TO THE FINISHED SURFACE. VERIFY LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO PLANTING. REPORT ANY CONFLICTS TO ARCHITECT.
7. ALL SHRUB, PERENNIAL AND GROUND COVER AREAS ARE TO BE PREPARED AS CONTINUOUS BEDS IN ACCORDANCE WITH SPECIFICATIONS.
8. ALL SHRUB AND GROUND COVER BEDS SHALL BE GRADED TO DRAIN WITH A MINIMUM 2% CROSS SLOPE.
9. ALL SHRUB BEDS TO BE MULCHED WITH WOOD MULCH (NO WEED BARRIER FABRIC), 3" MIN. DEPTH, EXCEPT WHERE NOTED. ALL PERENNIALS, ORNAMENTAL GRASSES AND GROUND COVERS TO BE MULCHED WITH WOOD MULCH, 2" DEPTH (NO WEED BARRIER FABRIC, UNLESS OTHERWISE NOTED). RE: SPECS.

LEGEND

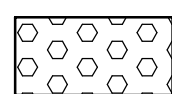


3' CAL. DECIDUOUS CANOPY TREE

3' CAL. DECIDUOUS ORNAMENTAL TREE

6' HT. CLUMP MULTI STEM TREE

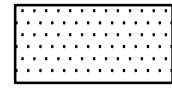
6-10' HT. EVERGREEN TREE



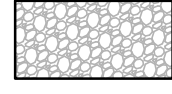
MIX OF 5 GALLON SHRUBS AND 1 GALLON PERENNIALS
WITH WOOD MULCH



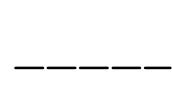
BLUE GRAMA GRASS



NATURALIZED DRYLAND SEED (MATCH EXISTING)



COBBLE MINERAL MULCH OVER WEED BARRIER FABRIC



LANDSCAPE EDGER

PLANTING SITUATIONAL NOTES

1. SOIL PREP AND SEED TO LIMIT OF DISTURBANCE
2. REPAIR LANDSCAPE AND IRRIGATION TO MATCH PRECONSTRUCTION CONDITION
3. EXISTING LANDSCAPE TO REMAIN AND BE PROTECTED
4. REPAIR/EXTEND SOD TO SOUTH EDGE OF WALK TO MATCH EXISTING CONDITIONS

STRUCTURAL DESIGN CRITERIA
Governing Building Code: IBC 2021 and referenced codes*
*Seismic Analysis will be carried out according to ASCE 7-22 (We are currently awaiting acceptance of this approach by the Town of Eagle Building Department)

Design Dead Loads: Structural self-weight + superimposed dead load

Design Live Loads: In accordance with the requirements of IBC 2021

Risk Category: III

- Seismic Design Parameters:
- Soil site class = D
 - Response Modification Factor, $R = 3.5$ (Intermediate reinforced masonry shear walls)
 $R = 3$ (Steel not detailed for seismic resistance)
 - Max Spectral Response Acceleration (S_s) = 0.30
 - One-Second Period Spectral Acceleration (S_1) = 0.06
 - Importance Factor, $I_e = 1.25$
 - Seismic Design Category = B (Currently awaiting acceptance from the Town of Eagle Building Department)
 - Mass calculations will conform to ASCE 7-22

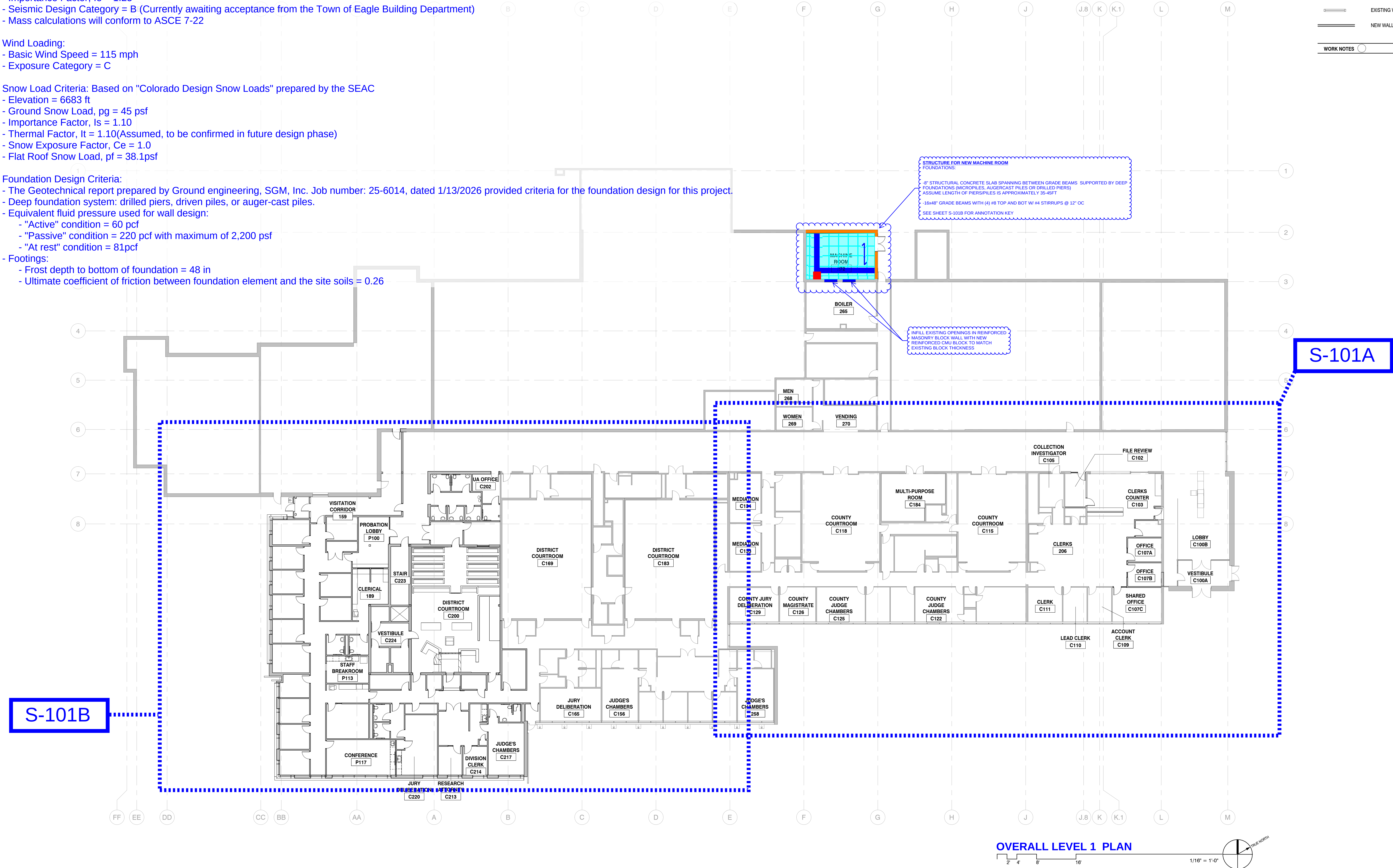
- Wind Loading:
- Basic Wind Speed = 115 mph
 - Exposure Category = C

- Snow Load Criteria: Based on "Colorado Design Snow Loads" prepared by the SEAC
- Elevation = 6683 ft
 - Ground Snow Load, $p_g = 45$ psf
 - Importance Factor, $I_s = 1.10$
 - Thermal Factor, $I_t = 1.10$ (Assumed, to be confirmed in future design phase)
 - Snow Exposure Factor, $C_e = 1.0$
 - Flat Roof Snow Load, $p_f = 38.1$ psf

- Foundation Design Criteria:
- The Geotechnical report prepared by Ground engineering, SGM, Inc. Job number: 25-6014, dated 1/13/2026 provided criteria for the foundation design for this project.
 - Deep foundation system: drilled piers, driven piles, or auger-cast piles.
 - Equivalent fluid pressure used for wall design:
 - "Active" condition = 60 pcf
 - "Passive" condition = 220 pcf with maximum of 2,200 psf
 - "At rest" condition = 81pcf
 - Footings:
 - Frost depth to bottom of foundation = 48 in
 - Ultimate coefficient of friction between foundation element and the site soils = 0.26

EAGLE COUNTY JUSTICE CENTER - STRUCTURAL SCHEMATIC DESIGN DRAWINGS
MARTIN/MARTIN CONSULTING ENGINEERS, INC.
DATE: 2026-04-09

GENERAL NOTES	
1.	REFER TO CODE PLANS FOR RATED PARTITIONS.
2.	REFER TO PRELIMINARY PROJECT DESCRIPTION FOR FURTHER INFORMATION.
3.	OFO FURNITURE AND EQUIPMENT IS SHOWN IN GRAYTONE. FOR REFERENCE ONLY.
4.	AT ALL NEW INTERIOR STOREFRONT, ASSUME HEIGHT OF 10'-0" U.O.N. PROVIDE ACOUSTIC PARTITION, INSTALLED TO DECK ABOVE STOREFRONT HEAD.
5.	REFER TO EXTERIOR ELEVATIONS FOR ALL EXTERIOR GLAZING TYPES/SYSTEMS.
6.	REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS ON SHEETS IN THE A-400 SERIES FOR INFORMATION REGARDING FINISHES AND CEILINGS.
LEGEND	
	EXISTING WALL TO REMAIN
	EXISTING DOOR AND FRAME TO REMAIN
	EXISTING WINDOW TO REMAIN
	NEW WALL CONSTRUCTION
WORK NOTES	



- GENERAL NOTES**
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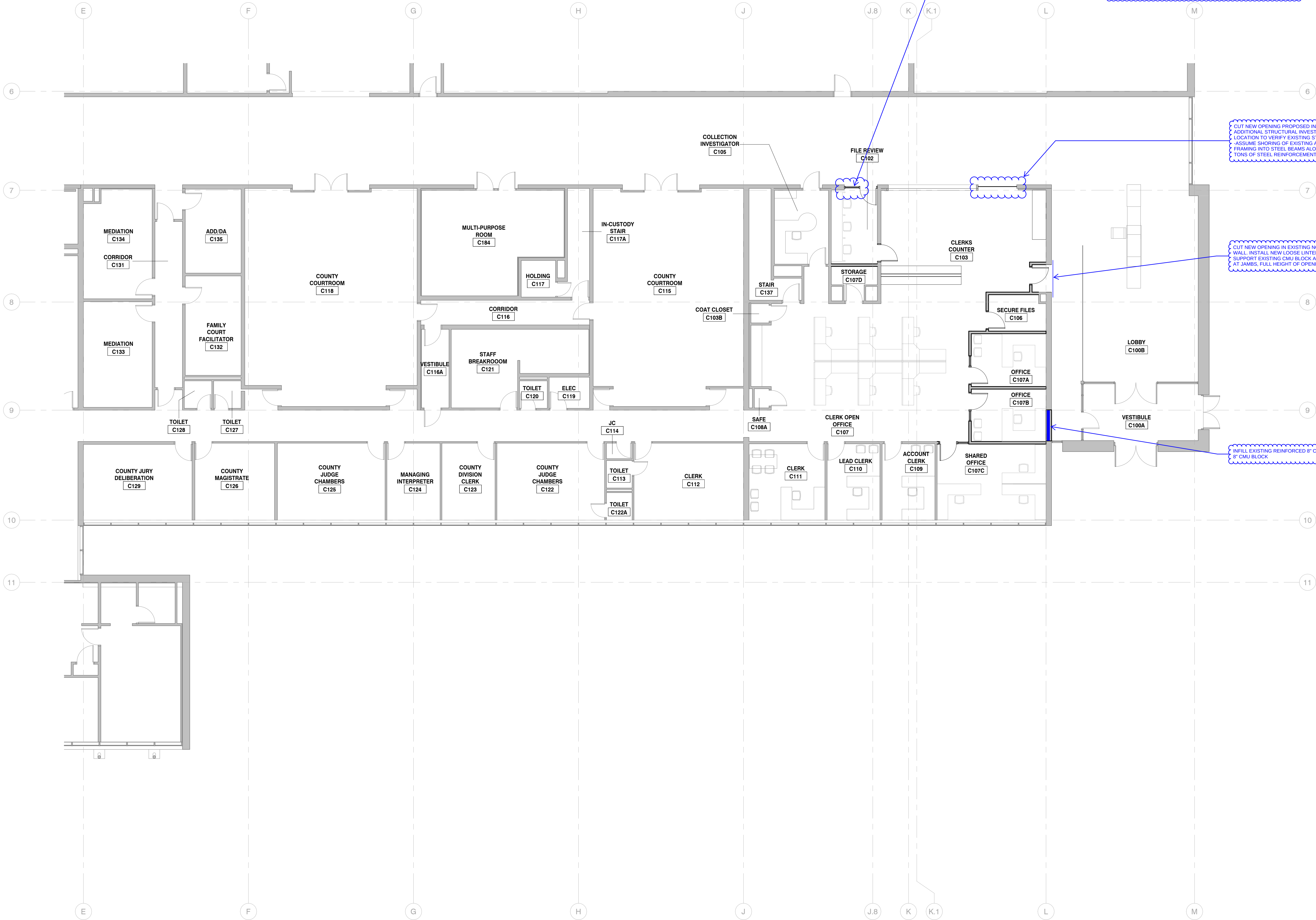
WORK NOTES

CUT NEW OPENING PROPOSED IN EXISTING STRUCTURAL MASONRY WALL. ADDITIONAL STRUCTURAL INVESTIGATION WILL BE REQUIRED AT THIS LOCATION TO VERIFY EXISTING STRUCTURAL CONFIGURATION. ASSUME SHORING OF EXISTING ADJACENT STRUCTURAL FRAMING. FRAMING INTO STEEL BEAMS ALONG GRID LINE 7 AND INSTALLATION OF 0.3 TONS OF STEEL REINFORCEMENT.

CUT NEW OPENING PROPOSED IN EXISTING STRUCTURAL MASONRY WALL. ADDITIONAL STRUCTURAL INVESTIGATION WILL BE REQUIRED AT THIS LOCATION TO VERIFY EXISTING STRUCTURAL CONFIGURATION. ASSUME SHORING OF EXISTING ADJACENT STRUCTURAL FRAMING. FRAMING INTO STEEL BEAMS ALONG GRID LINE 7 AND INSTALLATION OF 0.3 TONS OF STEEL REINFORCEMENT.

CUT NEW OPENING IN EXISTING NON-LOAD BEARING 8" CMU BLOCK WALL. INSTALL NEW LOOSE LINTEL OVER HEAD OF NEW DOOR TO SUPPORT EXISTING CMU BLOCK ABOVE. GROUT EXISTING CMU BLOCK AT JAMBS. FULL HEIGHT OF OPENING.

REIN EXISTING REINFORCED 8" CMU BLOCK WALL WITH NEW 8" CMU BLOCK.



LEVEL 1 EXISTING BLDG MODS - EAST

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NOT FOR CONSTRUCTION

SCHEMATIC DESIGN

10 APRIL 2026

LEVEL 1 EXISTING
BLDG MODS - EAST

S-101A

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LEGEND

- EXISTING WALL TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW TO REMAIN
- NEW WALL CONSTRUCTION

WORK NOTES

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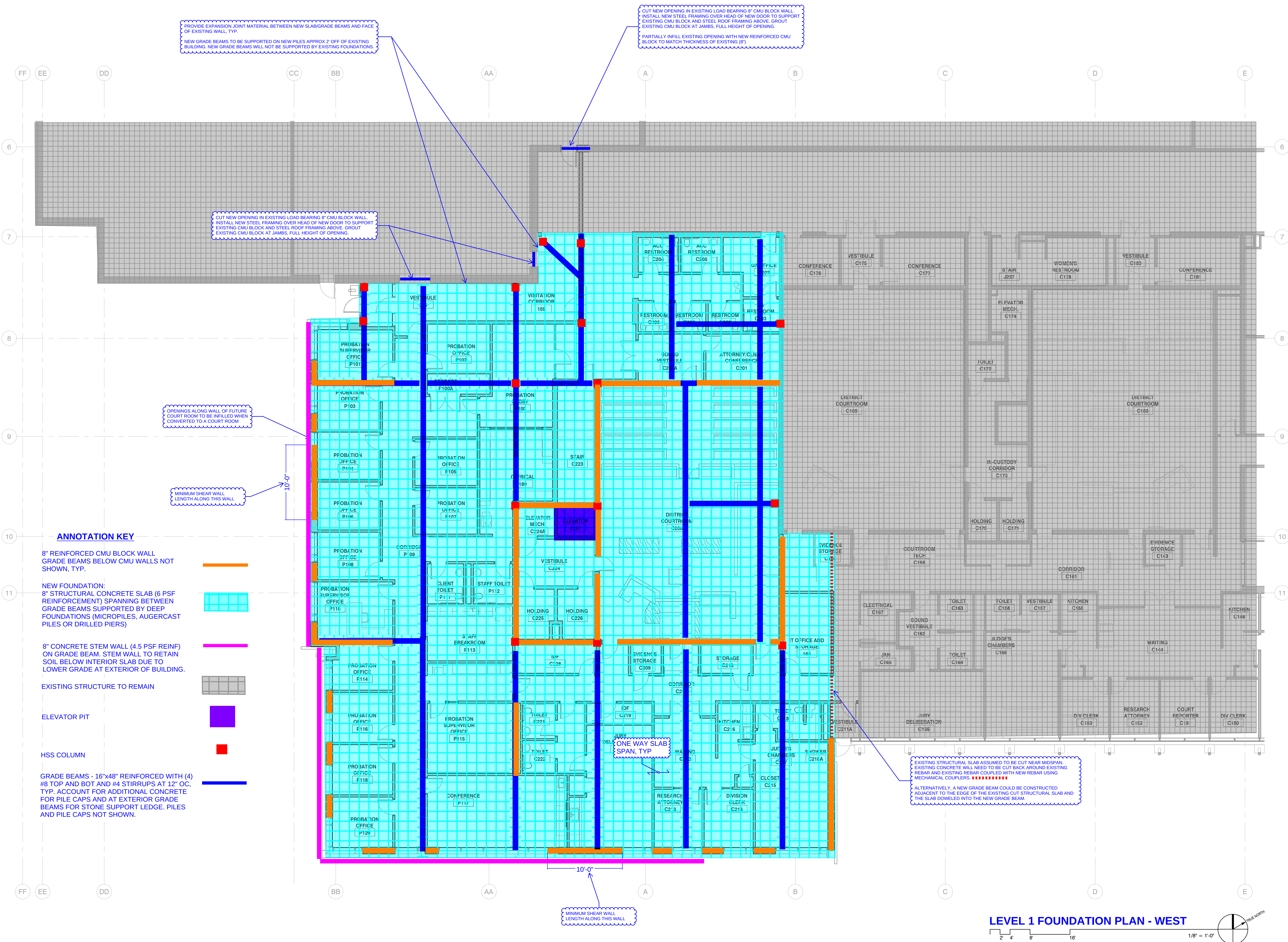
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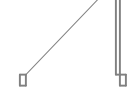
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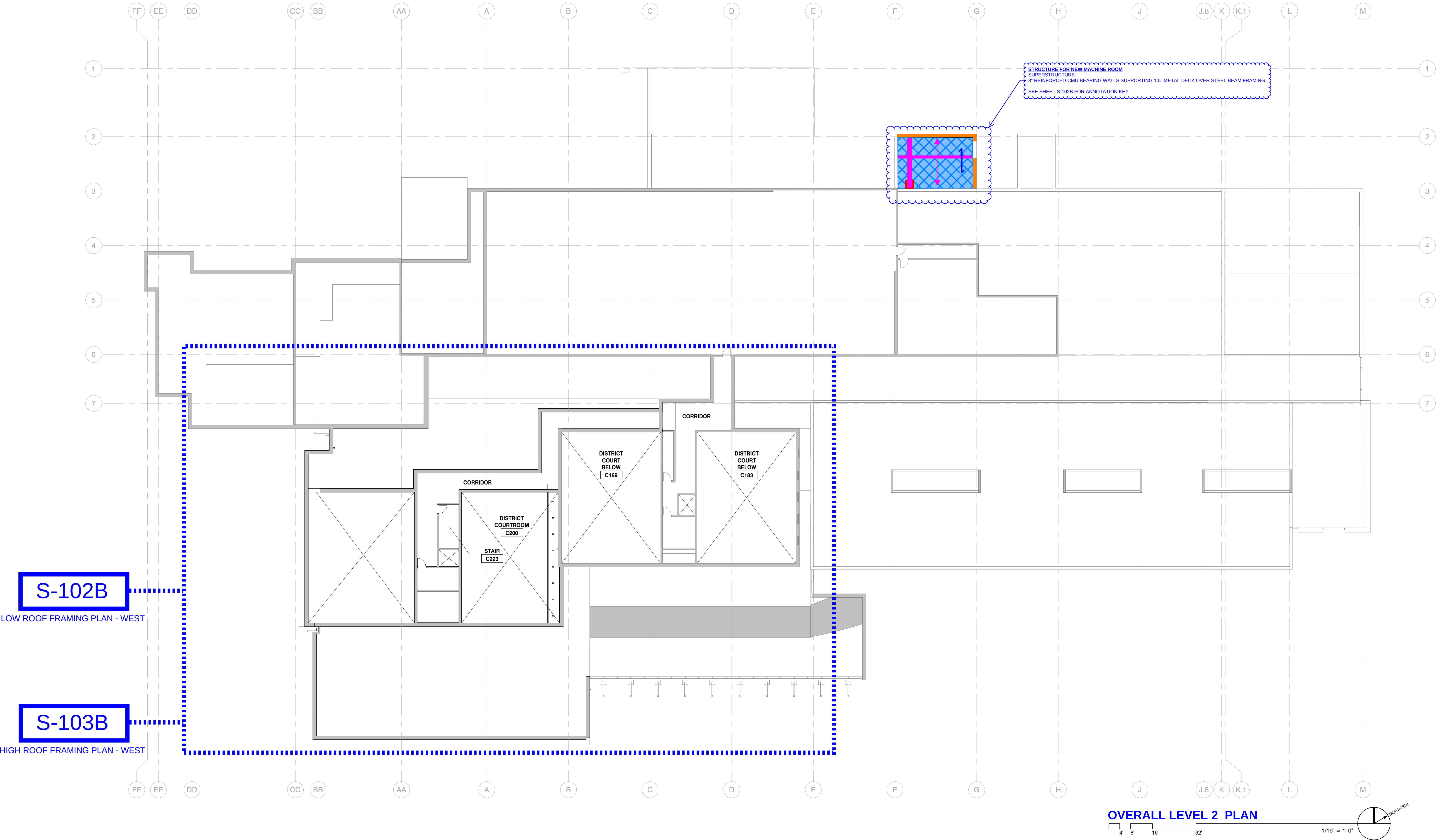
10 APRIL 2026

LEVEL 1 FOUNDATION PLAN - WEST

S-101B



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LEGEND	
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	EXISTING DOOR AND FRAME TO REMAIN
	EXISTING WINDOW TO REMAIN
	NEW WALL CONSTRUCTION
WORK NOTES	
	



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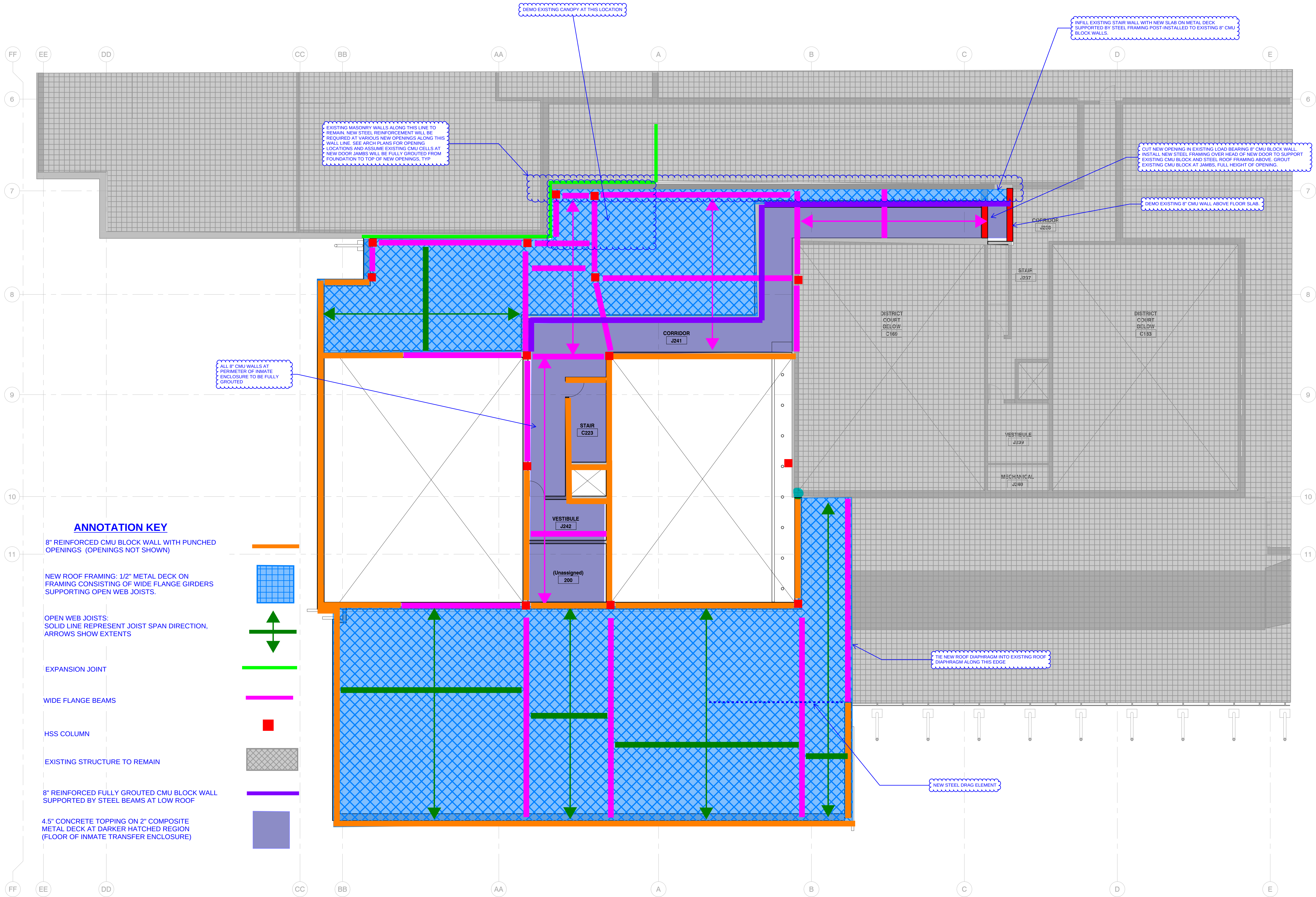
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SCHEMATIC DESIGN 10 APRIL 2026

OVERALL LEVEL 2 PLAN

S-102

GENERAL NOTES	
1.	REFER TO CODE PLANS FOR RATED PARTITIONS.
2.	REFER TO PRELIMINARY PROJECT DESCRIPTION FOR FURTHER INFORMATION.
3.	OFO FURNITURE AND EQUIPMENT IS SHOWN IN GRAYTONE. FOR REFERENCE ONLY.
4.	AT ALL NEW INTERIOR STOREFRONT, ASSUME HEIGHT OF 10'-0" U.O.N. PROVIDE ACOUSTIC PARTITION, INSTALLED TO DECK ABOVE STOREFRONT HEAD.
5.	REFER TO EXTERIOR ELEVATIONS FOR ALL EXTERIOR GLAZING TYPES/SYSTEMS.
6.	REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS ON SHEETS IN THE A-400 SERIES FOR INFORMATION REGARDING FINISHES AND CEILING.
LEGEND	
	EXISTING WALL TO REMAIN
	EXISTING DOOR AND FRAME TO REMAIN
	EXISTING WINDOW TO REMAIN
	NEW WALL CONSTRUCTION
WORK NOTES	



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Eagle, CO 81631
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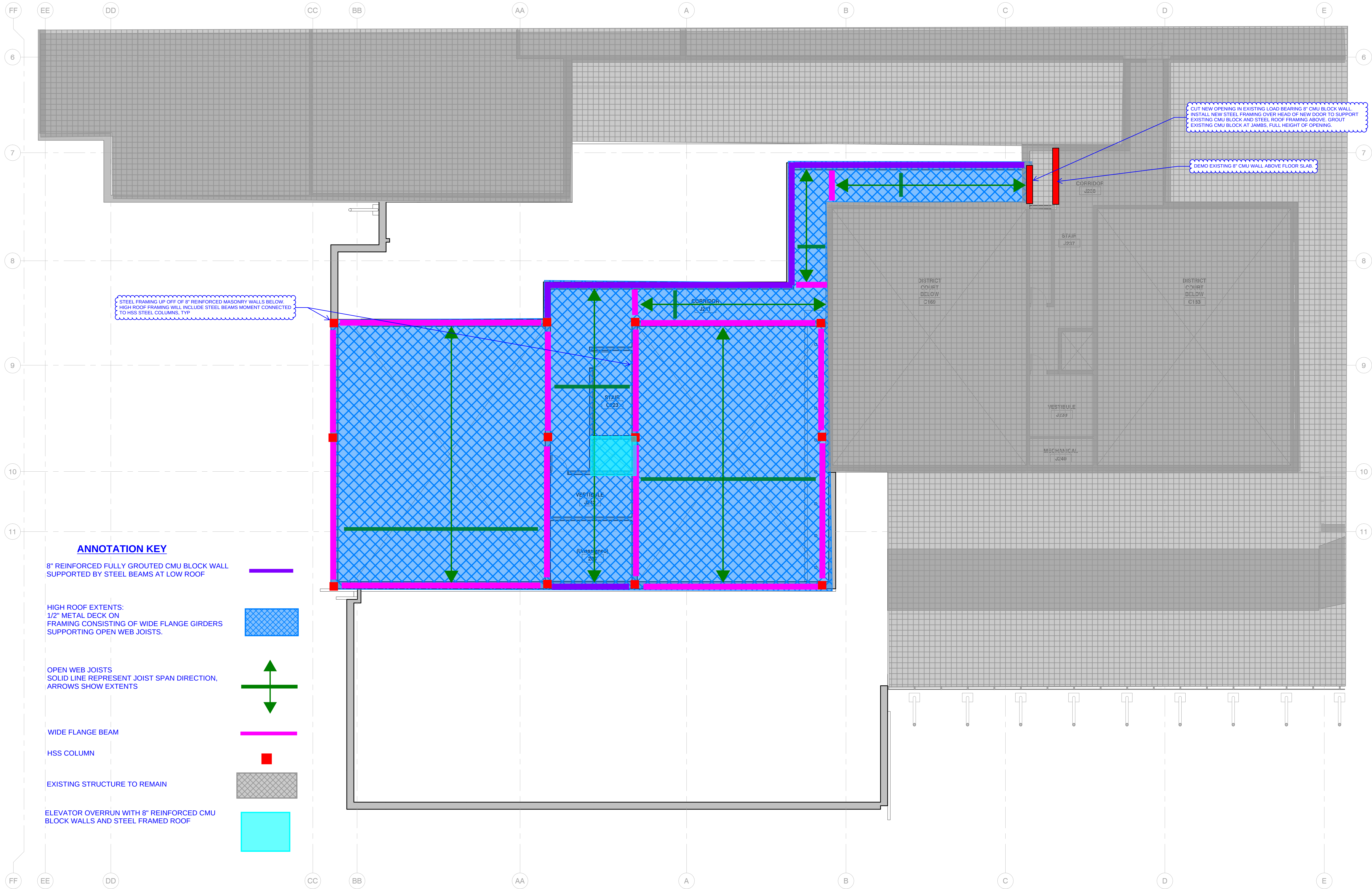
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LOW ROOF FRAMING PLAN - WEST

S-102B

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LEGEND	
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	EXISTING DOOR AND FRAME TO REMAIN
	EXISTING WINDOW TO REMAIN
	NEW WALL CONSTRUCTION
WORK NOTES	



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SCHEMATIC DESIGN 10 APRIL 2026

HIGH ROOF FRAMING
PLAN - WEST

S-103B

- GENERAL NOTES
1.

DEMO GB AS REQ'D TO INSTALL NEW BLOCKING, POWER, DATA, PIPING, EQUIPMENT, FIXTURES, ETC. PATCH AND REPAIR EXISTING PARTITIONS AT INSTALLATION OF NEW WORK. RE: ALL DISCIPLINES FOR LOCATIONS OF NEW WORK AT EXISTING CONSTRUCTION.
2.

HAZARDOUS MATERIALS: DO NOT COMMENCE WORK UNTIL REMEDIATION OF KNOWN HAZARDOUS ATERIALS HAS BEEN COMPLETED. THE CONTRACTOR SHALL STOP WORK IMMEDIATELY IN AFFECTED AREAS IN THE EVENT THAT THE CONTRACTOR ENCOUNTERS ANY MATERIAL WHICH IS REASONABLY BELIEVED TO BE HAZARDOUS AND WHICH HAS NOT BEEN RENDERED HARMLESS. THE CONTRACTOR SHALL THEN FOLLOW PROCEDURES DETAILED IN SPECIFICATION SECTION 01 35 43 HAZARDOUS MATERIAL PROCEDURES.
3.

CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND INFORMATION SHOWN IN THESE DOCUMENTS PRIOR TO START OF ANY WORK.
4.

WALLS SHOWN TO BE DEMOLISHED ARE METAL STUD WITH GYPSUM BOARD ON BOTH SIDES. INCLUDES REMOVAL OF ALL COMPONENTS WITHIN WALLS AND ATTACHED TO WALLS (ELECTRICAL, PHONE, DATA, MECHANICAL, PLUMBING, CHALK / TACK / MARKER BOARDS, CLOCKS, FIRE EXTINGUISHERS, ETC.) UNLESS OTHERWISE NOTED IN DOCUMENTS.
5.

COORDINATE DEMOLITION WITH NEW WORK SHOWN ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL & TECHNOLOGY DRAWINGS. PROVIDE DEMOLITION ONLY AS REQUIRED FOR NEW WORK. DO NOT OVERCUT OR OVER-EXTEND REQUIRED DEMOLITION WITHOUT PRIOR APPROVAL.
6.

DOOR DEMOLITION INCLUDES ENTIRE ASSEMBLY (DOOR, FRAME, HARDWARE, ETC). SALVAGE DOOR HARDWARE FROM ALL DEMOLISHED DOORS & RETURN TO OWNER.
7.

COORDINATE DEMOLITION WORK WITH BUILDING OCCUPANCY. MAINTAIN REQUIRED EXITS AND LIFE SAFETY SYSTEMS, INCLUDING FIRE SPRINKLERS AND FIRE ALARM AT OCCUPIED AREAS. PROVIDE TEMPORARY PARTITIONS TO SEPARATE DEMOLITION ACTIVITIES FROM OCCUPIED AREAS AND TO MAINTAIN REQUIRED ACCESS AND EGRESS. ALLOW FOR DELIVERIES AND EMERGENCY ACCESS.
8.

PROTECT ALL SURFACES, DEVICES, HANDRAILS, GUARDRAILS, DOORS, FRAMES, HARDWARE, ETC. NOT SHOWN TO BE REMOVED. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL DAMAGE THAT TAKES PLACE DURING DEMOLITION ACTIVITIES. IF REPAIR IS NOT POSSIBLE WITHOUT BEING VISIBLE, THE DAMAGED ITEM SHALL BE REPLACED IN ITS ENTIRETY.
9.

KEEP ALL AREAS OF BLDG WEATHER TIGHT AT ALL TIMES.
10.

PROTECT (E) WINDOW STOOLS AT EXTERIOR WALLS.
11.

FIRE ALARM DEVICES ARE TO BE REMOVED OR BAGGED AND PROTECTED IN PLACE DURING CONSTRUCTION. EACH DEVICE IS TO BE TAGGED AS TO THE ORIGINAL LOCATION WHERE THE DEVICE WAS LOCATED. RELOCATION OF DEVICES ARE TO BE COORDINATED WITH FIRE ALARM CONTRACTOR. GC TO NOTIFY OWNERS AS TO WHICH DEVICES ARE REMOVED, DEACTIVATED OR BAGGED.
12.

DO NOT REMOVE ANY ITEMS SHOWN TO REMAIN ELSEWHERE IN THESE DOCUMENTS. IF ITEMS ARE ATTACHED TO WALLS, CEILINGS, ETC., SHOWN TO BE DEMOLISHED, TEMPORARILY ATTACH SUCH ITEMS TO NEAREST SURFACE SHOWN TO REMAIN IN PLACE.
13.

REMOVE ALL REMAINING ITEMS OF FURNITURE, EQUIPMENT, AND OTHER LOOSE ITEMS WITHIN THE AREA OF DEMOLITION. REMOVE ALL ROOM SIGNS, CLOCKS, FIRE EXTINGUISHERS, MARKER / CHALK / TACK BOARDS, AND SIMILAR MOUNTED ITEMS SHOWN AT WALLS TO BE DEMOLISHED. SALVAGE AND STORE FOR RE-INSTALLATION WHERE INDICATED BY DRAWINGS OR OWNER. SALVAGE BALANCE FOR OWNER AND REINSTALL AS REQUESTED BY OWNER.
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15.

REMOVE WINDOW BLINDS FROM ALL WINDOWS.

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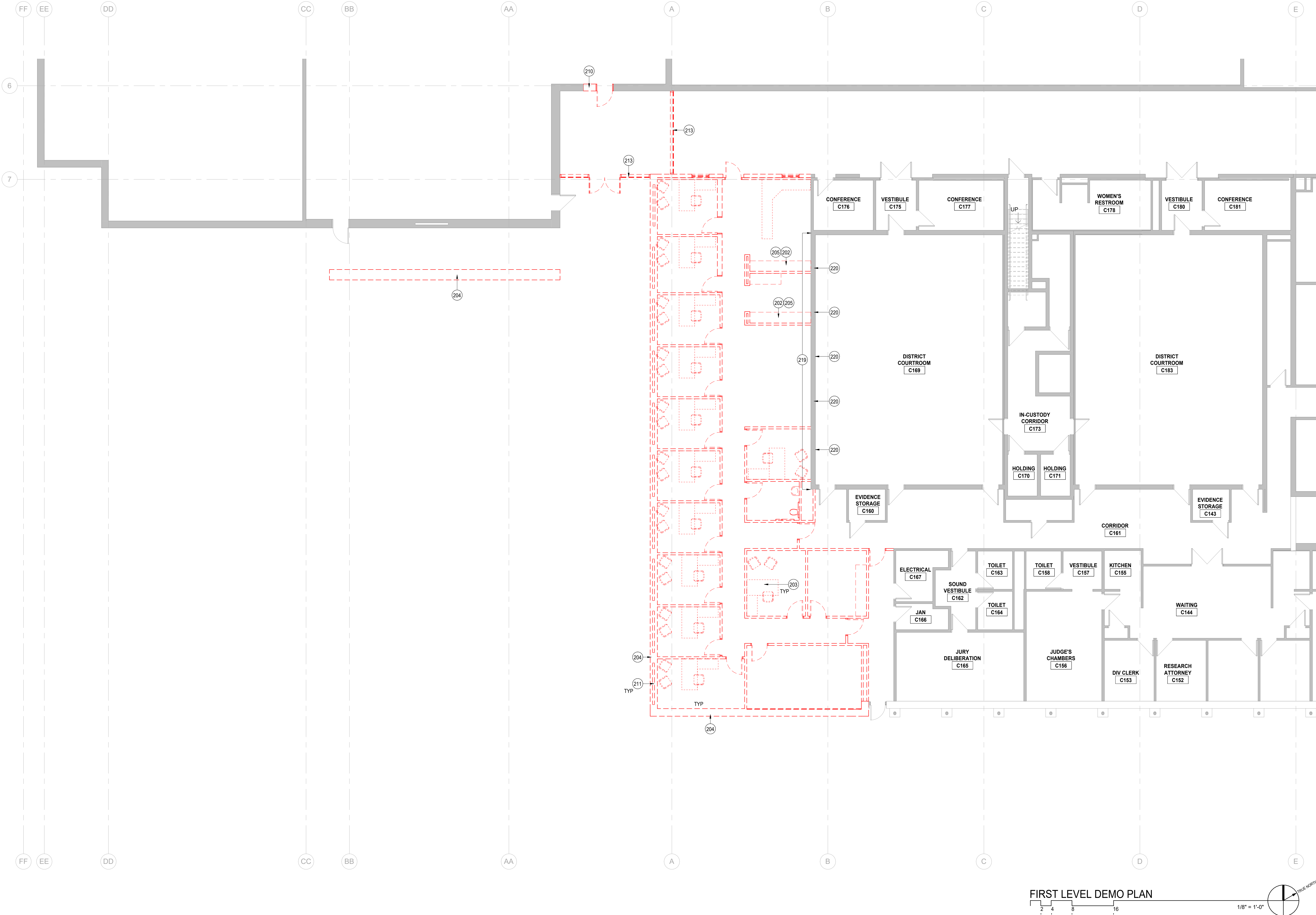
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FIRST FLOOR DEMO PLAN
- EAST

AD-101A



FIRST LEVEL DEMO PLAN



- GENERAL NOTES**
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8. PROTECT ALL SURFACES, DEVICES, HANDRAILS, GUARDRAILS, DOORS, FRAMES, HARDWARE, ETC. NOT SHOWN TO BE REMOVED. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL DAMAGE THAT TAKES PLACE DURING DEMOLITION ACTIVITIES. IF REPAIR IS NOT POSSIBLE WITHOUT BEING VISIBLE, THE DAMAGED ITEM SHALL BE REPLACED IN ITS ENTIRETY.

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- LEGEND**
- DEMOLISH EXISTING WALL

DEMOLISH EXISTING DOOR AND FRAME

EXISTING WINDOW TO BE DEMOLISHED

EXISTING WALL TO REMAIN

EXISTING DOOR AND FRAME TO REMAIN

EXISTING WINDOW TO REMAIN
- WORK NOTES**
- 202

(E) CASEWORK TO BE DEMOLISHED
- 203

(E) WORKSTATIONS TO BE REMOVED BY OWNER
- 204

(E) EXTERIOR WALL TO BE DEMOLISHED
- 205

(E) COUNTERTOP TO BE DEMOLISHED
- 210

DEMOLISH (E) PORTION OF WALL FOR NEW OPENING. RE: PLANS FOR EXTENTS
- 211

(E) EXTERIOR WINDOW TO BE DEMOLISHED
- 213

(E) ALUMINUM CURTAINWALL ASSEMBLY TO BE DEMOLISHED
- 219

REMOVE (E) EXTERIOR STONE VENER, PRECAST SILL, INSULATION, AIR BARRIER AND SHEATHING
- 220

(E) CLERESTORY ALUMINUM STOREFRONT ASSEMBLY TO BE DEMOLISHED

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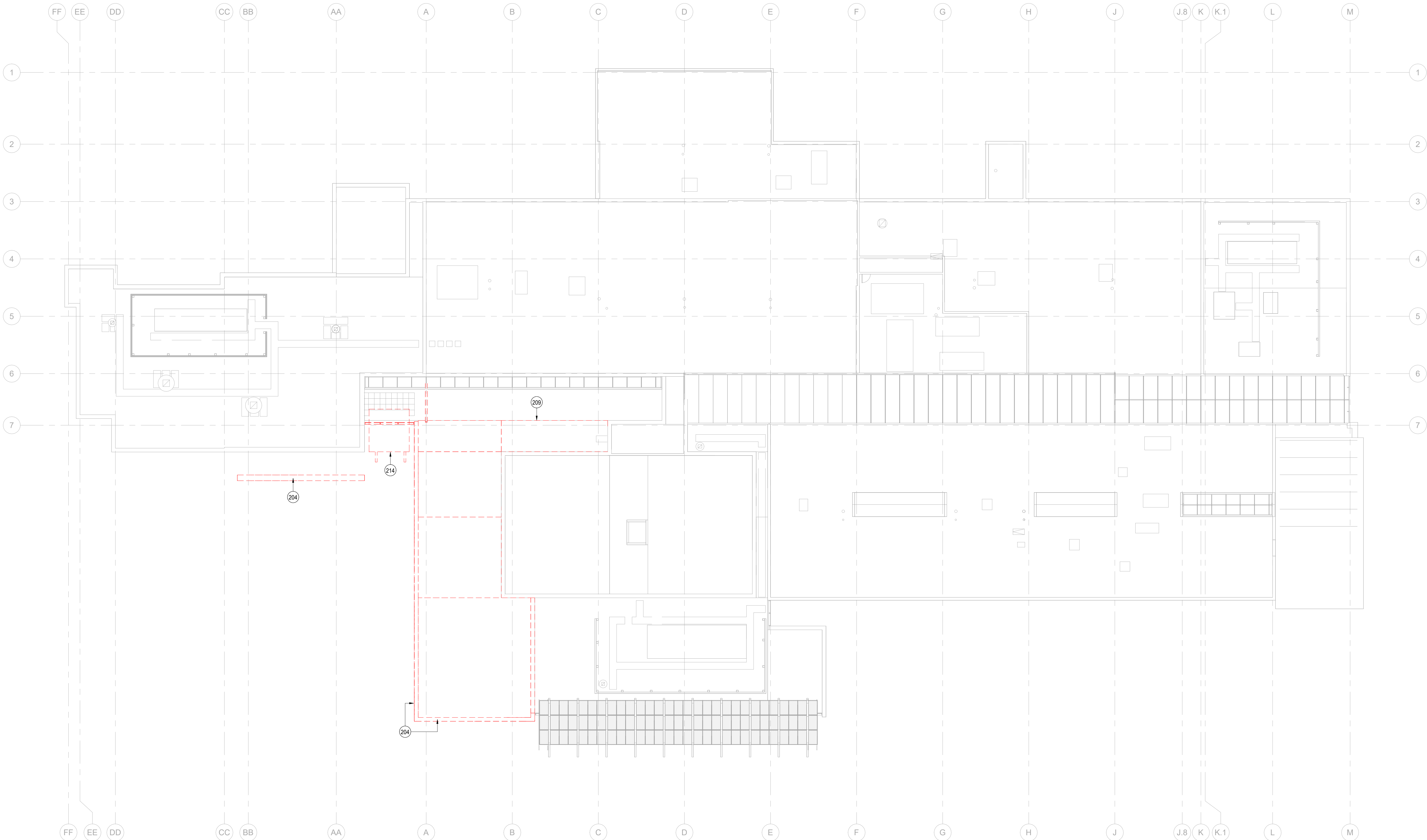
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SCHEMATIC DESIGN 10 APRIL 2026

FIRST FLOOR DEMO PLAN
- WEST

AD-101B



ROOF LEVEL PLAN - DEMO



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- LEGEND**
- DEMOLISH EXISTING WALL
 - - - DEMOLISH EXISTING DOOR AND FRAME
 - EXISTING WINDOW TO BE DEMOLISHED
 - EXISTING WALL TO REMAIN
 - EXISTING DOOR AND FRAME TO REMAIN
 - EXISTING WINDOW TO REMAIN
- WORK NOTES**
- 204 (E) EXTERIOR WALL TO BE DEMOLISHED
 - 209 (E) ROOF TO BE DEMOLISHED, RE: PLANS FOR EXTENTS
 - 214 (E) CANOPY AND ASSOCIATED STRUCTURE TO BE DEMOLISHED

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10 APRIL 2026

ROOF DEMO PLAN

AD-103

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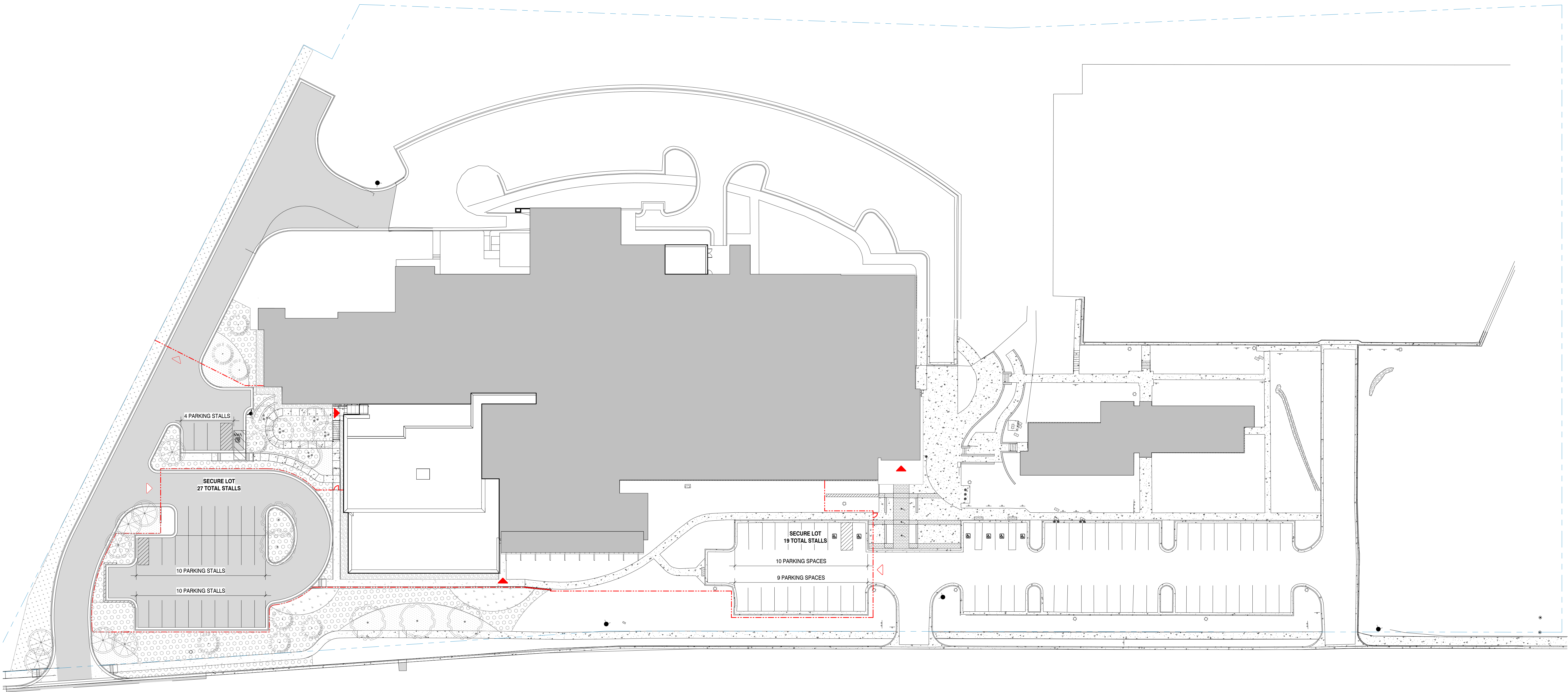
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ARCHITECTURAL SITE PLAN

A-001



LEGEND

--- PROJECT PROPERTY LINE
--- ADJACENT PROPERTY LINES
--- EXISTING EASEMENTS
--- EXISTING SANITARY SEWER LINE

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PROJECT PROPERTY LINE
ADJACENT PROPERTY LINES
EXISTING EASEMENTS
EXISTING SANITARY SEWER LINE

SECURITY FENCE WITH
PRIVACY PANEL
SITE LIGHT POLE
OVERHEAD POLE

PROPOSED BUILDING ENTRY/EXIT
PROPOSED VEHICLE ENTRY/EXIT

GENERAL NOTES

1. REFER TO LANDSCAPE AND CIVIL DRAWINGS FOR ADDITIONAL SCOPE AND COORDINATION
2. REFER TO ELECTRICAL SITE PLAN FOR ADDITIONAL SCOPE AND COORDINATION
3. REFER TO CODE SITE PLAN FOR FIRE SEPARATION DISTANCE INFORMATION

WORK NOTES

ARCHITECTURAL SITE PLAN

7.5 15 30 60 A-201

1" = 30'-0"

1
A-001

TRUE NORTH

4/10/2026 11:31:30 AM



GENERAL NOTES	
1.	REFER TO CODE PLANS FOR RATED PARTITIONS.
2.	REFER TO PRELIMINARY PROJECT DESCRIPTION FOR FURTHER INFORMATION.
3.	OFFICE FURNITURE AND EQUIPMENT IS SHOWN IN GRAYTONE, FOR REFERENCE ONLY.
4.	AT ALL NEW INTERIOR STOREFRONT, ASSUME HEIGHT OF 10'-0\"/>
5.	REFER TO EXTERIOR ELEVATIONS FOR ALL EXTERIOR GLAZING TYPES/SYSTEMS.
6.	REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS ON SHEETS IN THE A-400 SERIES FOR INFORMATION REGARDING FINISHES AND CEILINGS.

LEGEND	
	EXISTING WALL TO REMAIN
	EXISTING DOOR AND FRAME TO REMAIN
	EXISTING WINDOW TO REMAIN
	NEW WALL CONSTRUCTION

WORK NOTES	

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SCHMATIC DESIGN10 APRIL 2026

LEVEL 1 FLOOR PLAN

A-101

GENERAL NOTES

1.

REFER TO CODE PLANS FOR RATED PARTITIONS.

2.

REFER TO PRELIMINARY PROJECT DESCRIPTION FOR FURTHER INFORMATION.

3.

OFO FURNITURE AND EQUIPMENT IS SHOWN IN GRAYTONE, FOR REFERENCE ONLY.

4.

AT ALL NEW INTERIOR STOREFRONT, ASSUME HEIGHT OF 10'-0" U.O.N. PROVIDE ACOUSTIC PARTITION, INSTALLED TO DECK ABOVE STOREFRONT HEAD.

5.

REFER TO EXTERIOR ELEVATIONS FOR ALL EXTERIOR GLAZING TYPES/SYSTEMS.

6.

REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS ON SHEETS IN THE A-400 SERIES FOR INFORMATION REGARDING FINISHES AND CEILING.

LEGEND

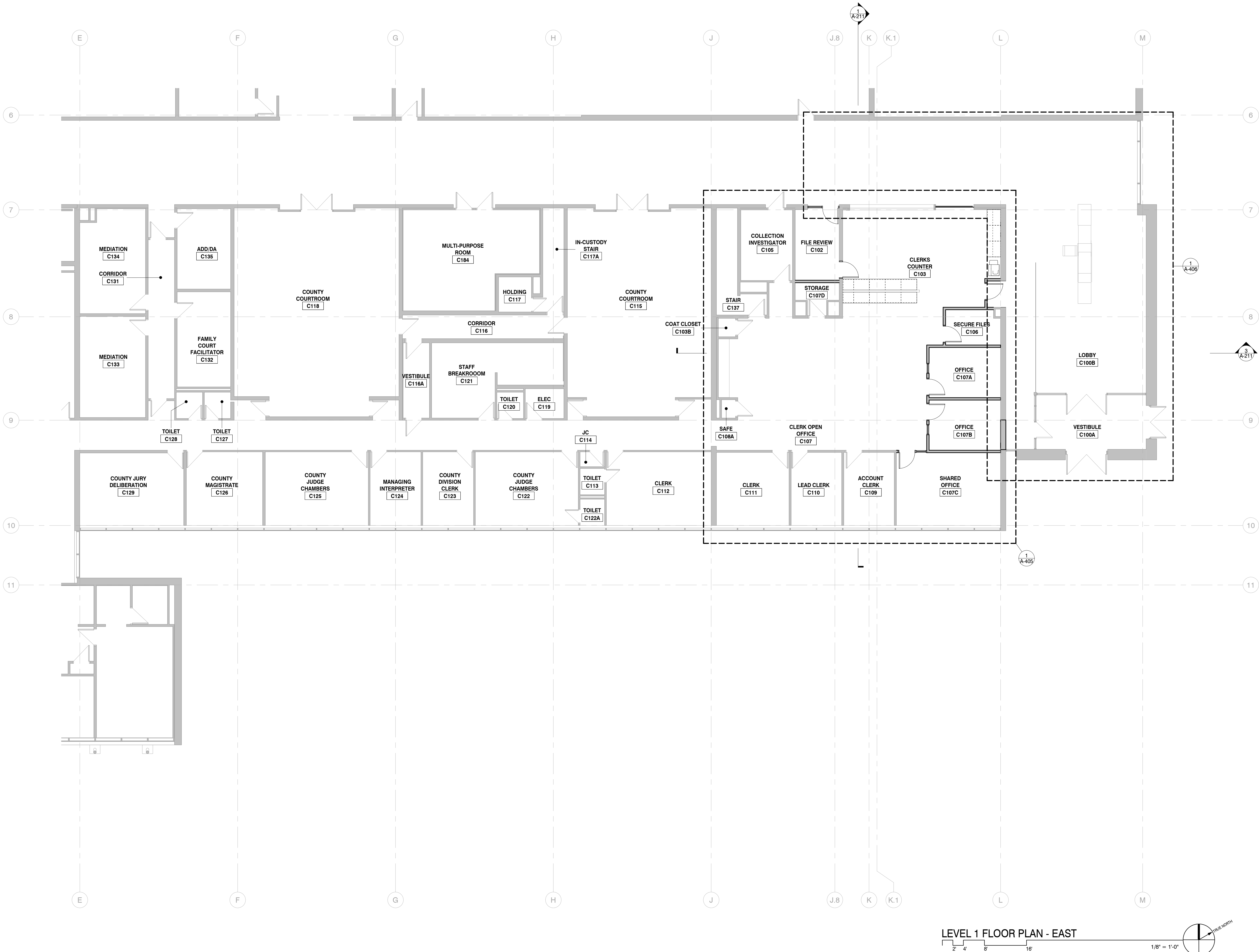
EXISTING WALL TO REMAIN

EXISTING DOOR AND FRAME TO REMAIN

EXISTING WINDOW TO REMAIN

NEW WALL CONSTRUCTION

WORK NOTES



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LEVEL 1 FLOOR PLAN - EAST

A-101A

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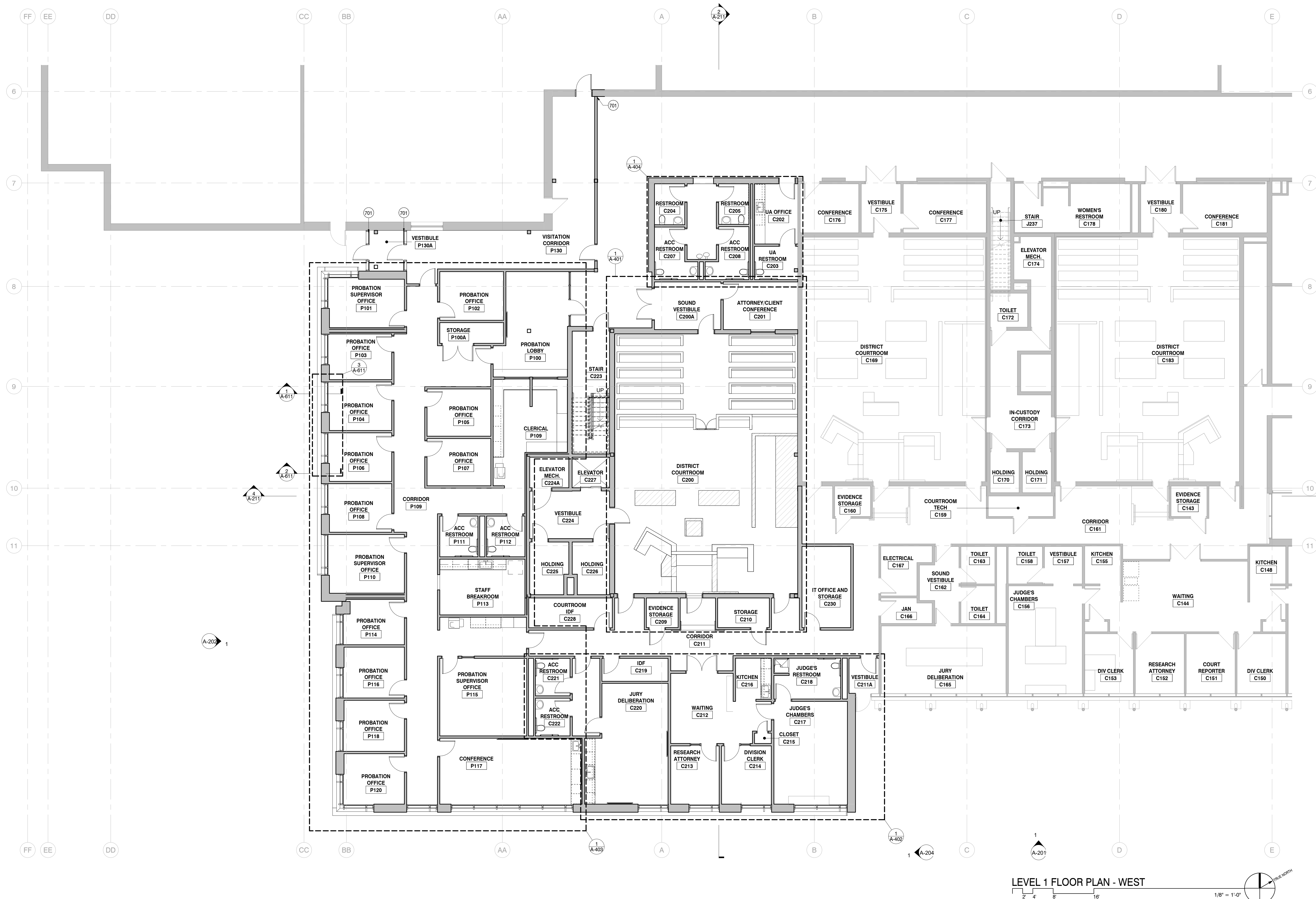
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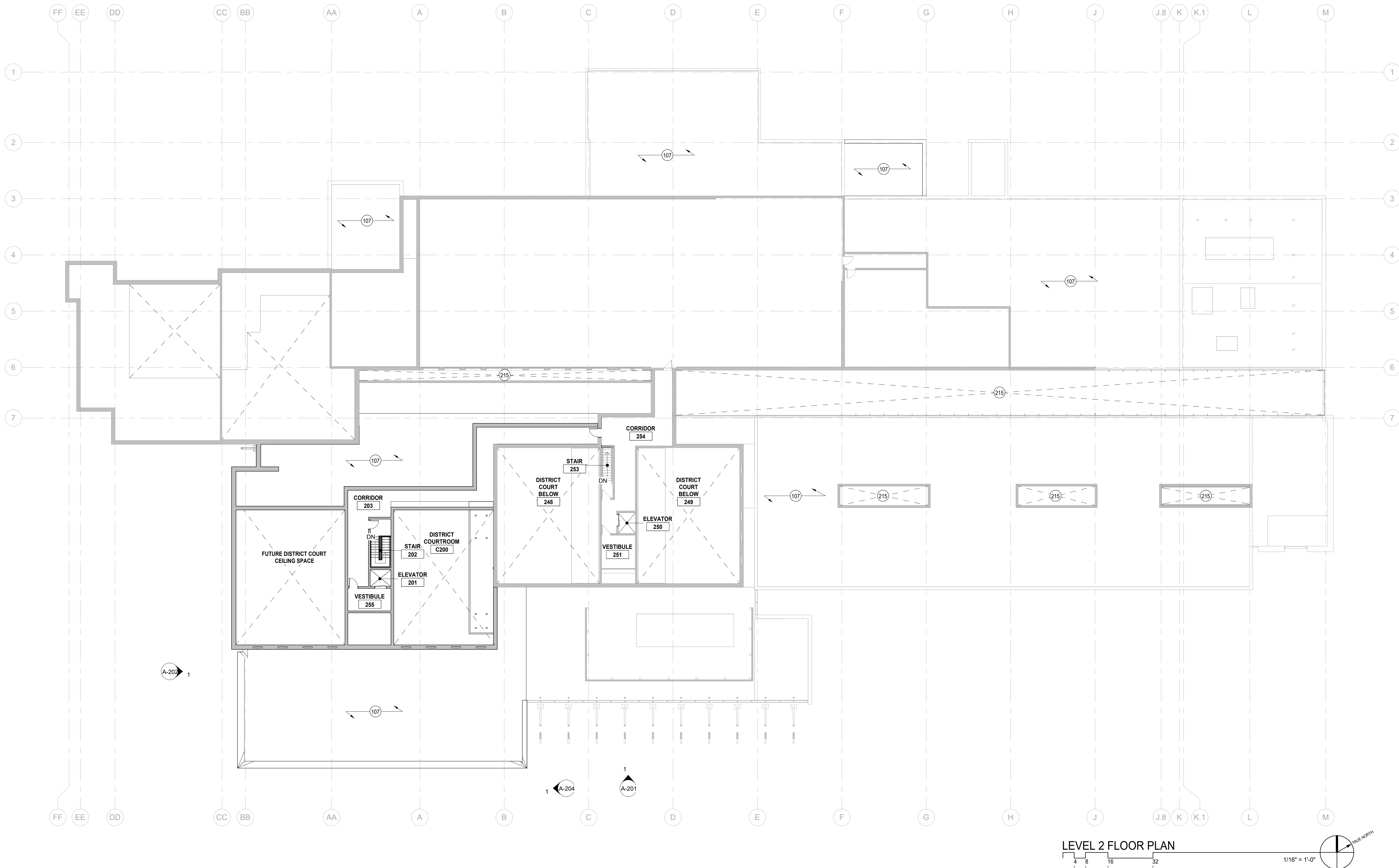
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A-101B



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GENERAL NOTES	
1.	REFER TO CODE PLANS FOR RATED PARTITIONS.
2.	REFER TO PRELIMINARY PROJECT DESCRIPTION FOR FURTHER INFORMATION.
3.	OFFICE FURNITURE AND EQUIPMENT IS SHOWN IN GRAYTONE, FOR REFERENCE ONLY.
4.	AT ALL NEW INTERIOR STOREFRONT, ASSUME HEIGHT OF 10'-0" U.O.A. PROVIDE ACOUSTIC PARTITION, INSTALLED TO DECK ABOVE STOREFRONT HEAD.
5.	REFER TO EXTERIOR ELEVATIONS FOR ALL EXTERIOR GLAZING TYPES/SYSTEMS.
6.	REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS ON SHEETS IN THE A-400 SERIES FOR INFORMATION REGARDING FINISHES AND CEILINGS.

LEGEND	
	EXISTING WALL TO REMAIN
	EXISTING DOOR AND FRAME TO REMAIN
	EXISTING WINDOW TO REMAIN
	NEW WALL CONSTRUCTION

WORK NOTES	
107	ROOF BELOW
215	(E) ROOF SKYLIGHT

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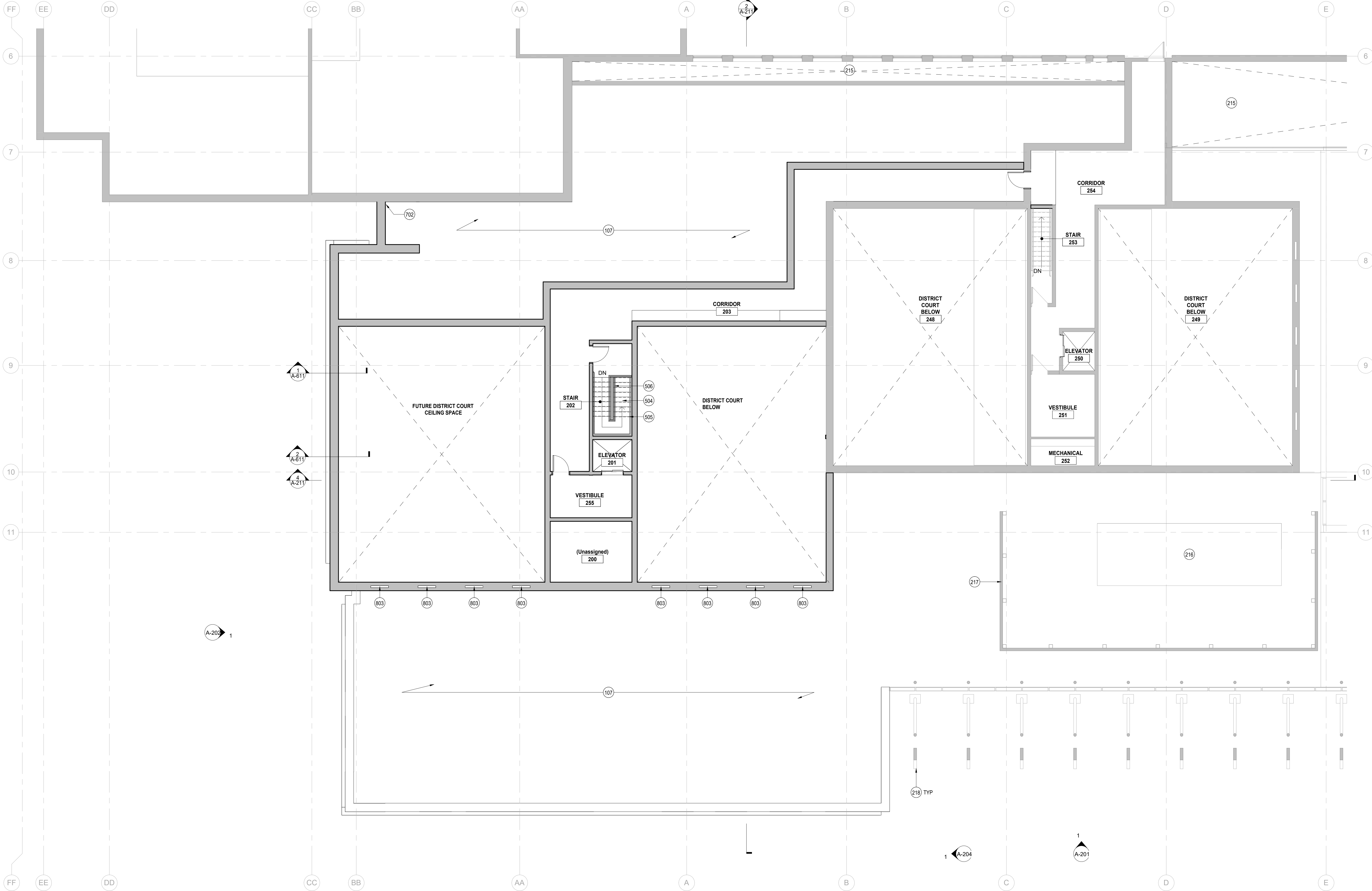
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LEVEL 2 FLOOR PLAN - WEST

GENERAL NOTES	
1.	REFER TO CODE PLANS FOR RATED PARTITIONS.
2.	REFER TO PRELIMINARY PROJECT DESCRIPTION FOR FURTHER INFORMATION.
3.	OFO FURNITURE AND EQUIPMENT IS SHOWN IN GRAYTONE, FOR REFERENCE ONLY.
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6.	REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS ON SHEETS IN THE A-400 SERIES FOR INFORMATION REGARDING FINISHES AND CEILINGS.
LEGEND	
	EXISTING WALL TO REMAIN
	EXISTING DOOR AND FRAME TO REMAIN
	EXISTING WINDOW TO REMAIN
	NEW WALL CONSTRUCTION
WORK NOTES	
107	ROOF BELOW
215	(E) ROOF SKYLIGHT
216	(E) RTU
217	(E) METAL ROOF SCREEN AND STRUCTURE
218	(E) PV CANOPY & STRUCTURE
504	METAL PAN STAIRS
505	STEEL PIPE RAILING
506	METAL GUARD RAIL WITH INTEGRAL STEEL PIPE RAILING
702	EXTERIOR EXPANSION JOINT ASSEMBLY
803	GLAZED ALUMINUM STOREFRONT ASSEMBLY

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LEVEL 2 FLOOR PLAN - WEST

A-102B

GENERAL NOTES

1. PROVIDE MINIMUM VALLEY SLOPES OF 1/8" PER FOOT
2. COORDINATE WITH EXTERIOR ELEVATIONS FOR JOINTS IN PARAPET COPING
3. EXISTING ROOF TOP EQUIPMENT, SCREENS, WALKING PATHS, ETC. ARE REPRESENTATIONAL. CONTRACTOR TO VIF LOCATIONS AND EXTENTS.

WORK NOTES

- | | |
|------|---|
| 503 | METAL COPING |
| 702 | EXTERIOR EXPANSION JOINT ASSEMBLY |
| 808 | TUBULAR DAYLIGHT DEVICE, ALIGN WITH CEILING LAYOUT IN COURTROOM BELOW |
| 1003 | ELEVATOR OVERRUN |
| 2601 | PV CANOPY & STRUCTURE |

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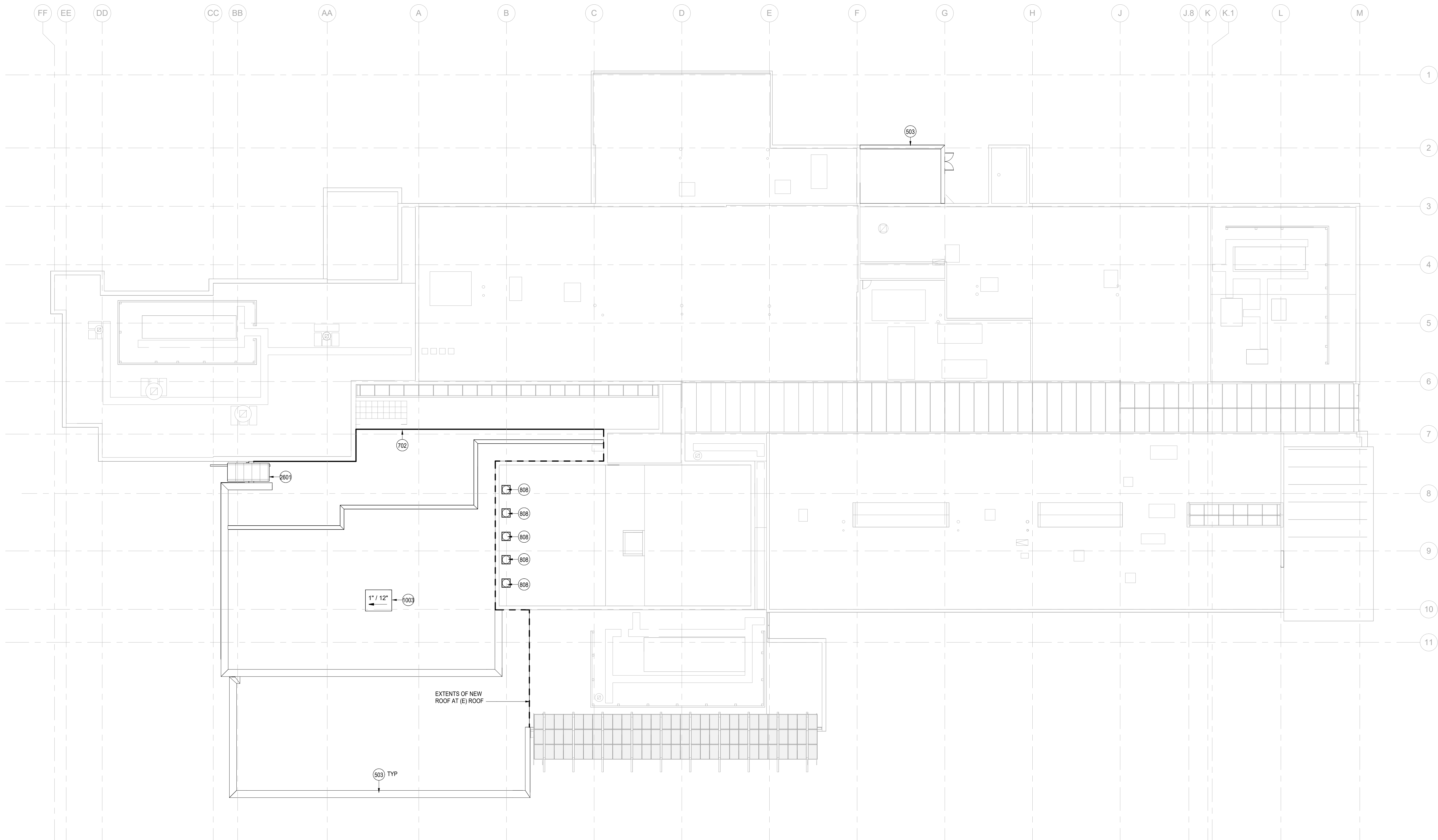
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SCHEMATIC DESIGN

10 APRIL 2026

ROOF LEVEL PLAN

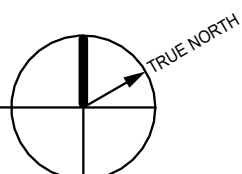
A-103



ROOF LEVEL PLAN

4 8 16 32

1/16" = 1'-0"



GENERAL NOTES

1. 218 CENTER POINT INTERIOR UON.
2. RATED WALLS ARE INDICATED ON RCP FOR REFERENCE ONLY. RE: CODE PLANS FOR EXACT LOCATIONS.

LEGEND

- EXISTING WALL TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW TO REMAIN
- NEW WALL CONSTRUCTION
- ONE HOUR FIRE BARRIER; RE: CODE PLANS
- TWO HOUR FIRE BARRIER; RE: CODE PLANS
- ACOUSTICAL PANEL CEILING
- ACOUSTICAL PANEL CEILING FALSE 2x2 GRID
- SUSPENDED GB CEILING
- SECURITY CEILING
- SUSPENDED LINEAR WOOD CEILING
- LAY-IN OR SURFACE MOUNTED FIXTURE
- SUSPENDED FIXTURE
- WALL MOUNTED FIXTURE
- RECESSED OR SURFACE MOUNTED DOWNLIGHT
- WALL MOUNT LIGHT FIXTURE
- TRACK LIGHTING, RE: ELEC FOR FIXTURES
- PENDANT FIXTURE
- EXIT SIGN
- MECHANICAL RETURN
- MECHANICAL SUPPLY
- SPRINKLER HEAD
- INDICATE CEILING HEIGHT ABOVE FLOOR ELEVATION

WORK NOTES

218

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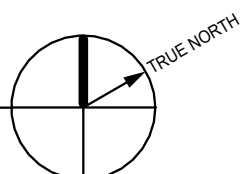
10 APRIL 2026

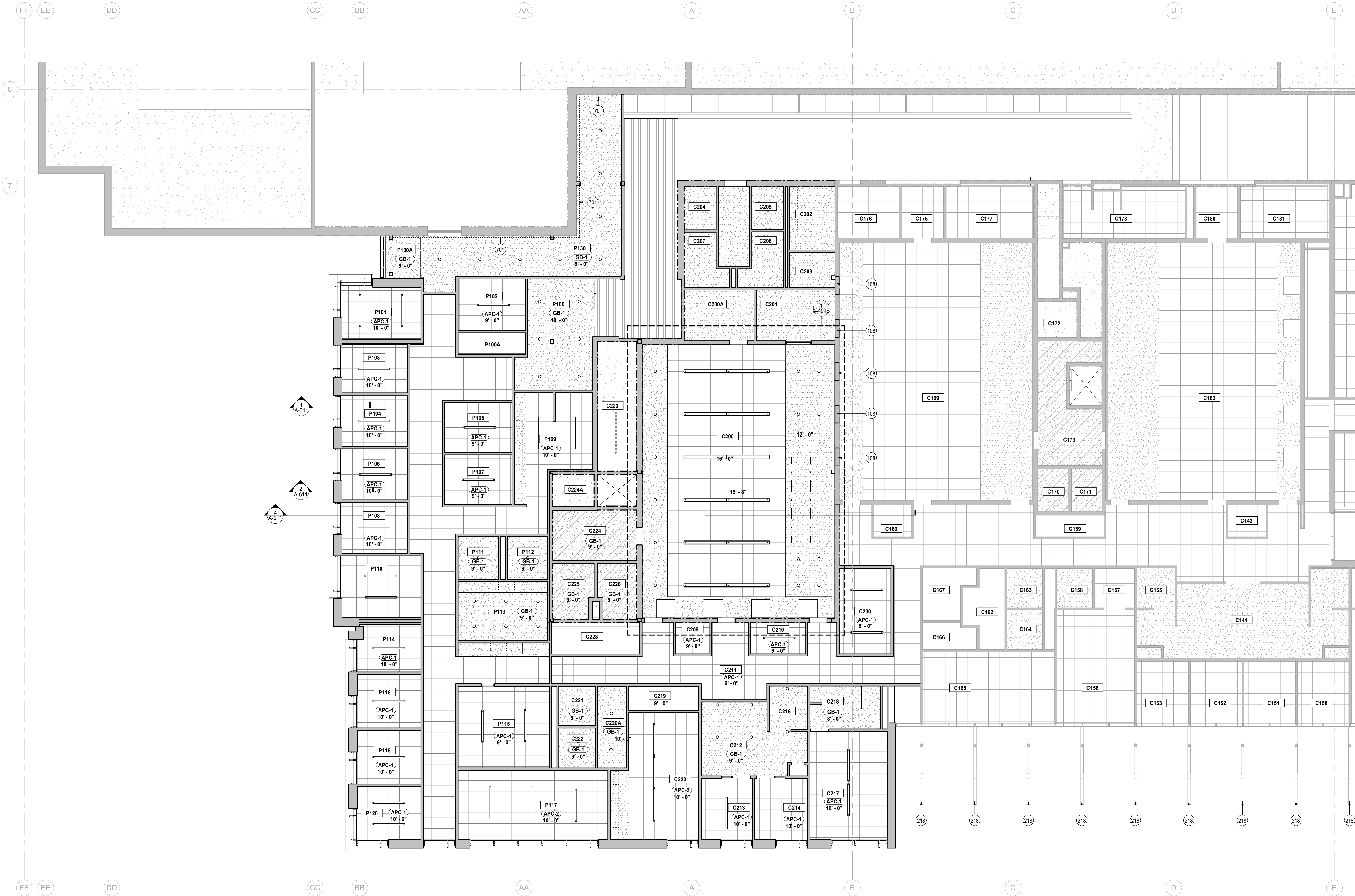
FIRST LEVEL REFLECTED
CEILING PLAN - EAST

A-111A

FIRST LEVEL REFLECTED CEILING PLAN

2 4 8 16 1/8" = 1'-0"





FIRST LEVEL REFLECTED CEILING PLAN

1/8" = 1'-0"

True North

GENERAL NOTES

1. CENTER PANEL PATTERN IN ROOM UON.

2. RATED WALLS ARE INDICATED ON RCP FOR REFERENCE ONLY. RE: CODE PLANS FOR EXACT LOCATIONS.

LEGEND	
	EXISTING WALL TO REMAIN
	EXISTING DOOR AND FRAME TO REMAIN
	EXISTING WINDOW TO REMAIN
	NEW WALL CONSTRUCTION
	ONE HOUR FIRE BARRIER; RE: CODE PLANS
	TWO HOUR FIRE BARRIER; RE: CODE PLANS
	ACOUSTICAL PANEL CEILING
	ACOUSTICAL PANEL CEILING FALSE 2x2 GRID
	SUSPENDED GB CEILING
	SECURITY CEILING
	SUSPENDED LINEAR WOOD CEILING
	LAY-IN OR SURFACE MOUNTED FIXTURE
	SUSPENDED FIXTURE
	WALL MOUNTED FIXTURE
	RECESSED OR SURFACE MOUNTED DOWNLIGHT
	WALL MOUNT LIGHT FIXTURE
	TRACK LIGHTING, RE: ELEC FOR FIXTURES
	PENDANT FIXTURE
	EXIT SIGN
	MECHANICAL RETURN
	MECHANICAL SUPPLY
	SPRINKLER HEAD
	INDICATE CEILING HEIGHT ABOVE FLOOR ELEVATION

WORK NOTES	
108	INFILL (E) WALL FROM REMOVAL OF EXTERIOR WINDOW
218	(E) PV CANOPY & STRUCTURE
701	INTERIOR EXPANSION JOINT ASSEMBLY

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SCHEMATIC DESIGN

10 APRIL 2026

FIRST LEVEL REFLECTED
CEILING PLAN - WEST

A-111B



GENERAL NOTES

1. REFER TO REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION REGARDING CEILING FINISHES.
2. REFER TO FLOOR PLANS AND INTERIOR PARTITION TYPE SCHEDULE FOR MORE INFORMATION REGARDING WALL MATERIALS.
3. EXTEND FLOORING UNDERNEATH ALL CASEWORK, FURNITURE, & EQUIPMENT SHOWN.
4. REFER TO PPD FOR ADDITIONAL INFORMATION AND ALTERNATES.

FINISH PLAN LEGEND

EXISTING WALL TO REMAIN

EXISTING DOOR AND FRAME TO REMAIN

EXISTING WINDOW TO REMAIN

NEW WALL CONSTRUCTION

PATTERN DIRECTION

8 BASE WALL

W WALL

ROOM FINISH TAG - RE ELEVATIONS FOR ALL OTHER WALL FINISHES. - RE FLOOR PATTERNS FOR FLOOR FINISHES.

WALL FINISH TAG

WOOD BASE

CPT - CARPET TILE

CT - CERAMIC TILE

LVT - LUXURY VINYL TILE

SC - SEALED CONCRETE

WORK NOTES

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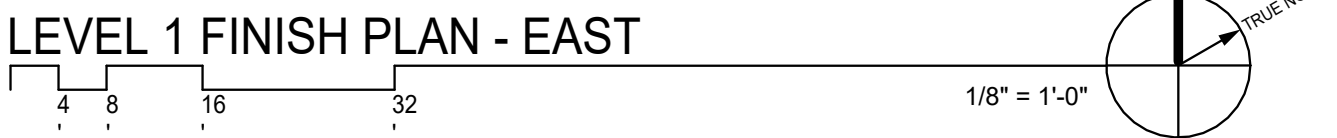
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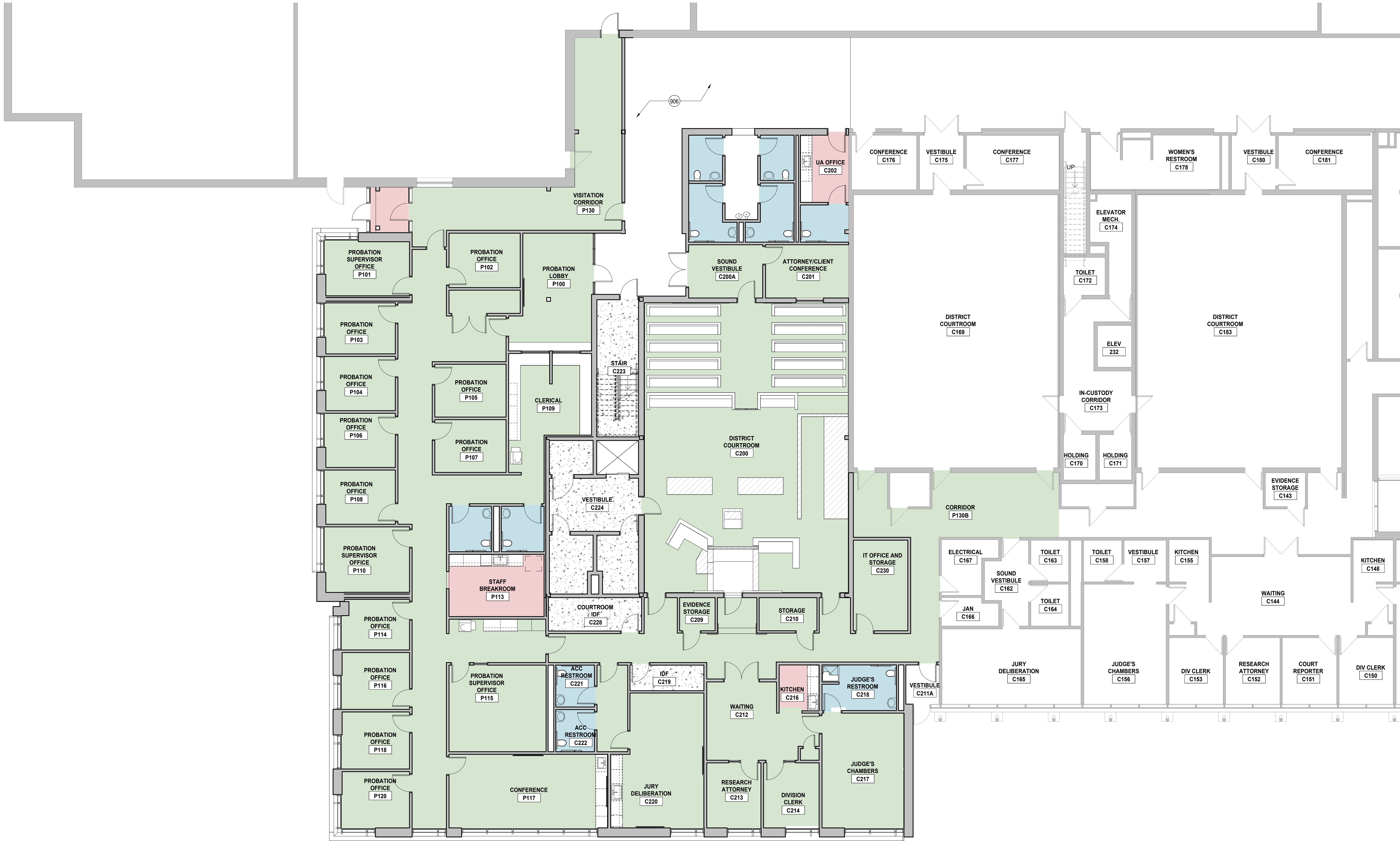
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FIRST LEVEL FINISH PLAN - EAST

A-121A



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- GENERAL NOTES
- 906 REFER TO DENVER CITY CODE FOR ADDITIONAL INFORMATION REGARDING CONSTRUCTION FINISHES.
 - REFER TO FLOOR PLANS AND INTERIOR PARTITION TYPE SCHEDULE FOR MORE INFORMATION REGARDING WALL MATERIALS.
 - EXTEND FLOORING UNDERNEATH ALL CASEWORK, FURNITURE, & EQUIPMENT SHOWN.
 - REFER TO PPD FOR ADDITIONAL INFORMATION AND ALTERNATES.

FINISH PLAN LEGEND

- EXISTING WALL TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW TO REMAIN
- NEW WALL CONSTRUCTION
- PATTERN DIRECTION
- ROOM FINISH TAG
- RE ELEVATIONS FOR ALL OTHER WALL FINISHES.
- RE FLOOR PATTERNS FOR FLOOR FINISHES
- WALL FINISH TAG
- WOOD BASE
- CPT - CARPET TILE
- CT - CERAMIC TILE
- LVT - LUXURY VINYL TILE
- SC - SEALED CONCRETE
- WORK NOTES

LEVEL 1 FINISH PLAN - WEST



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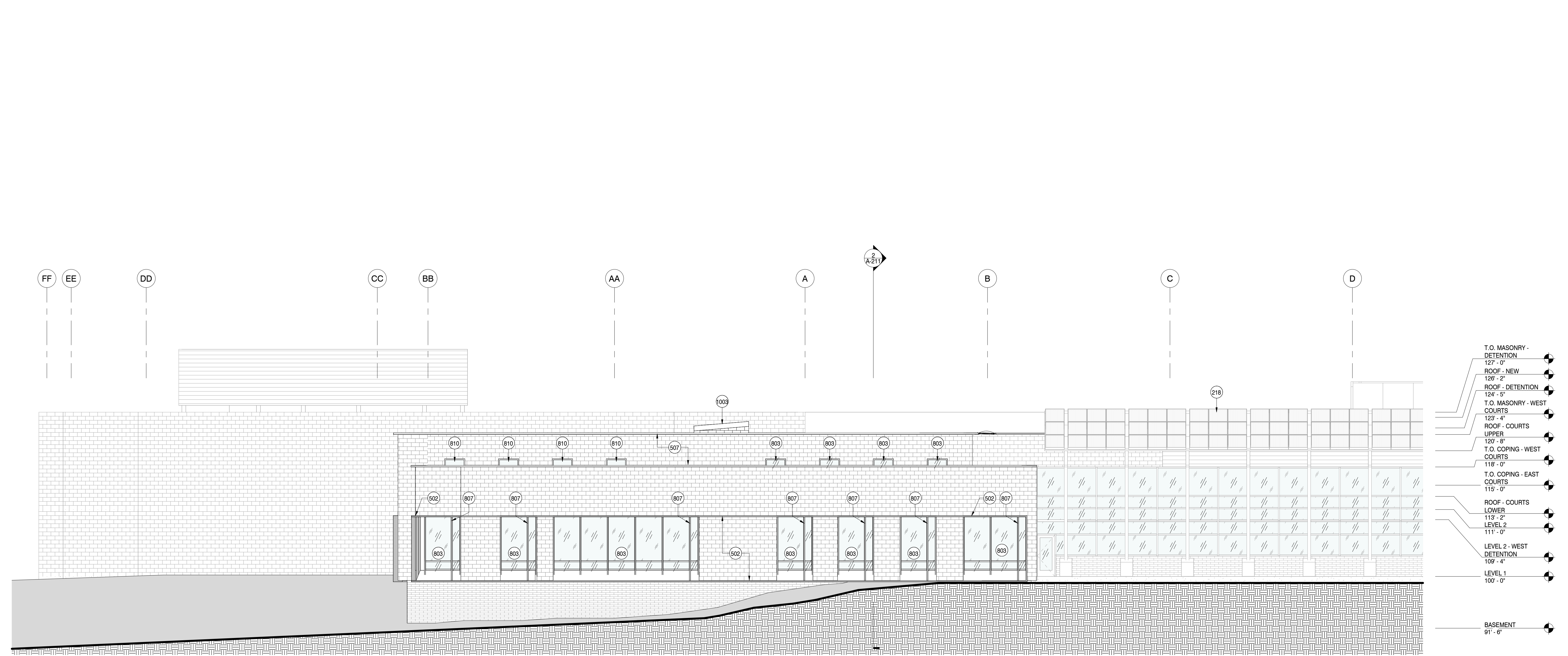
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SCHEMATIC DESIGN

10 APRIL 2026

FIRST LEVEL FINISH PLAN
- WEST

A-121B



SOUTH ELEVATION

1

A-201

2 4 8 16 A-101 1/8" = 1'-0"



SOUTH EXTERIOR PERSPECTIVE

2

A-201

GENERAL NOTES

- RE: PPD FOR MATERIAL QUALITY AND BASIS OF DESIGN MATERIALS / PRODUCTS
- RE: PPD FOR DESCRIPTION OF SILLS, COPINGS, FLASHING, AND TRIM

LEGEND

- STONE VENEER 1 ST-1
- STONE VENEER 2 ST-2
- METAL PANEL MP-1

WORK NOTES

- 218 (E) PV CANOPY & STRUCTURE
- 502 METAL PANEL TRIM
- 507 METAL PARAPET COPING WITH EXTENDED METAL TRIM
- 803 GLAZED ALUMINUM STOREFRONT ASSEMBLY
- 807 VERTICAL ALUMINUM MULLION COVER
- 810 SPANDREL, FUTURE COURTROOM OPENING
- 1003 ELEVATOR OVERRUN

- T.O. MASONRY - DETENTION 127'-0"
- ROOF - NEW 126'-2"
- ROOF - DETENTION 124'-5"
- T.O. MASONRY - WEST COURTS 123'-4"
- ROOF - COURTS UPPER 120'-8"
- T.O. COPING - WEST COURTS 118'-0"
- T.O. COPING - EAST COURTS 115'-0"
- ROOF - COURTS LOWER 113'-4"
- LEVEL 2 111'-0"
- LEVEL 2 - WEST DETENTION 109'-4"
- LEVEL 1 102'-0"
- BASEMENT 91'-6"

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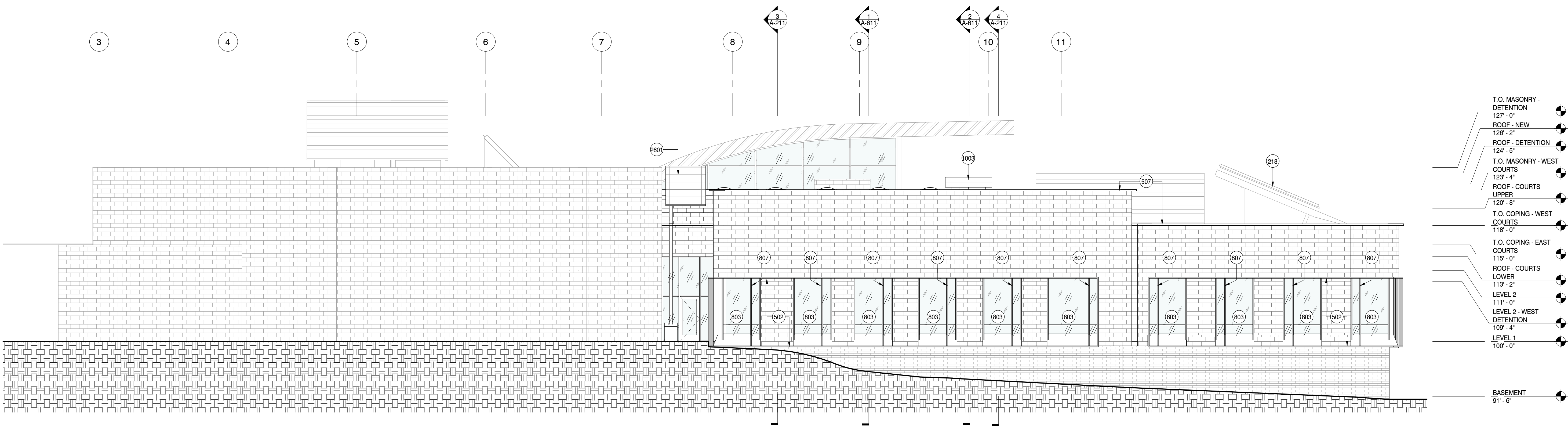
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SOUTH EXTERIOR
ELEVATION &
PERSPECTIVE

A-201

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WEST ELEVATION

1

A-202

2 4 8 16 A-101 1/8" = 1'-0"

GENERAL NOTES

1. RE: PPD FOR MATERIAL QUALITY AND BASIS OF DESIGN MATERIALS / PRODUCTS
2. RE: PPD FOR DESCRIPTION OF SILLS, COPINGS, FLASHING, AND TRIM

LEGEND

- STONE VENEER 1 (ST-1)
- STONE VENEER 2 (ST-2)
- METAL PANEL (MP-1)

WORK NOTES

- 218 (E) PV CANOPY & STRUCTURE
- 502 METAL PANEL TRIM
- 507 METAL PARAPET COPING WITH EXTENDED METAL TRIM
- 803 GLAZED ALUMINUM STOREFRONT ASSEMBLY
- 807 VERTICAL ALUMINUM MULLION COVER
- 1003 ELEVATOR OVERRUN
- 2601 PV CANOPY & STRUCTURE

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SCHEMATIC DESIGN

10 APRIL 2026

WEST EXTERIOR
ELEVATION &
PERSPECTIVE

A-202

WEST EXTERIOR PERSPECTIVE

2

A-202

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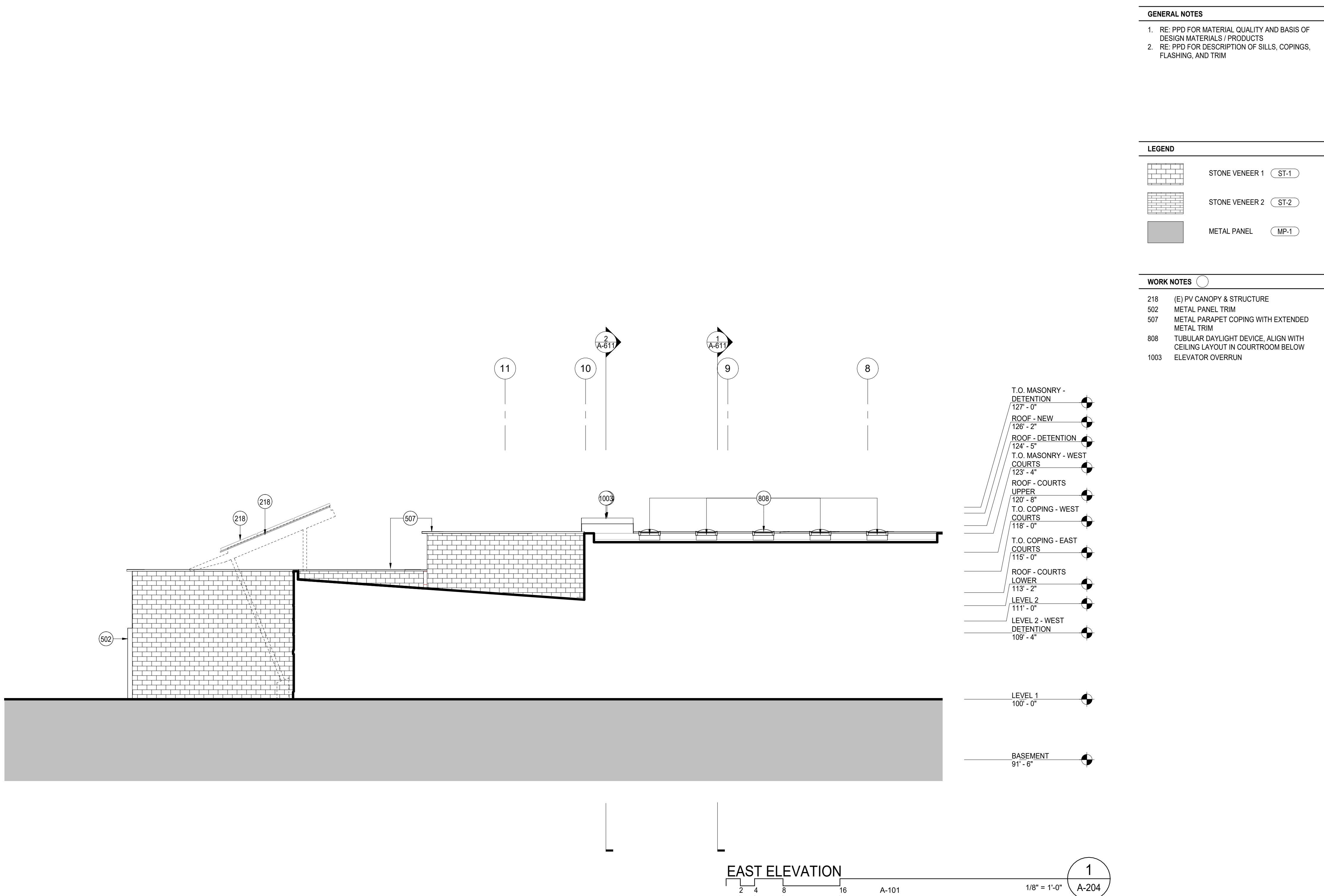
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EAST EXTERIOR ELEVATION & PERSPECTIVE

A-204



GENERAL NOTES
1. GENERAL NOTE

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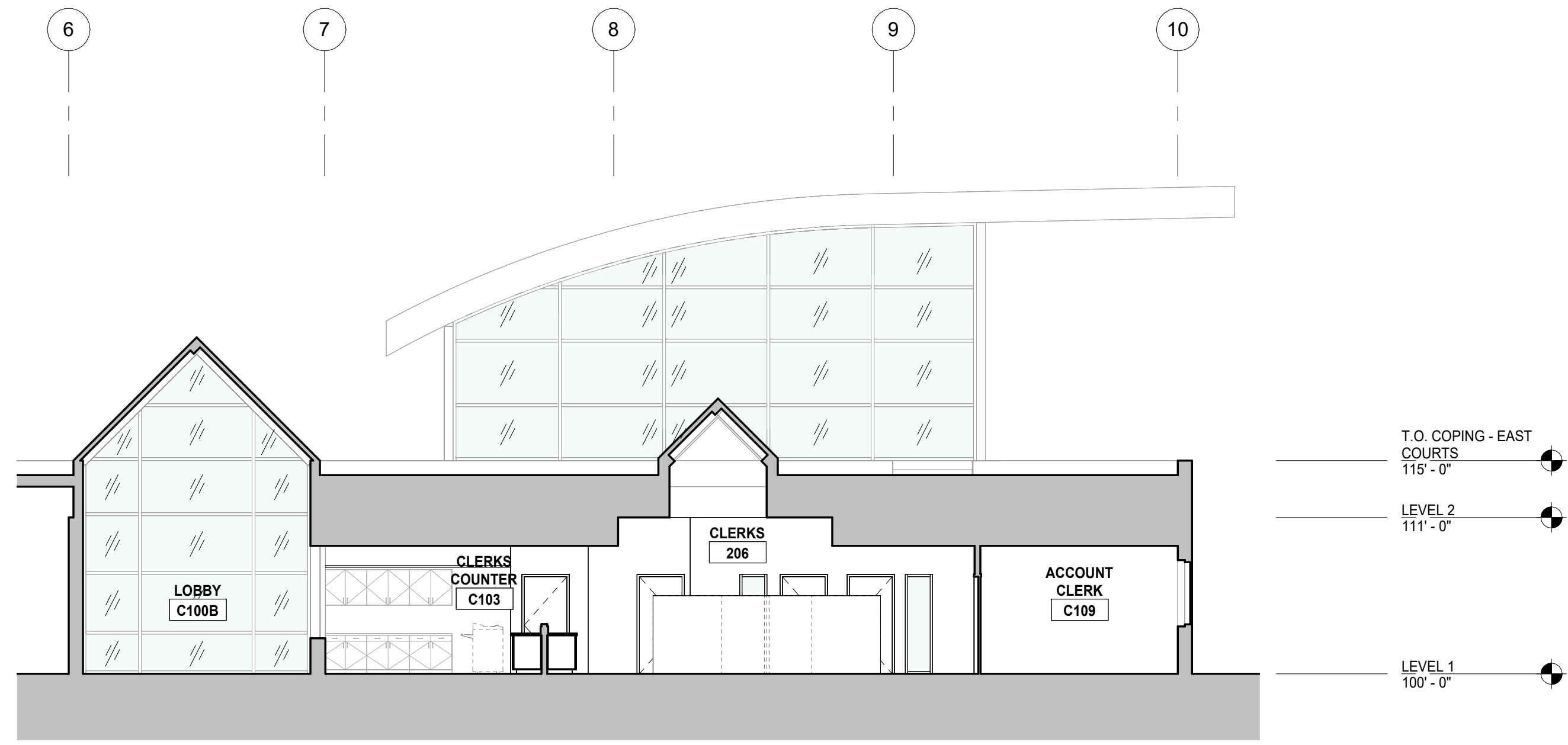
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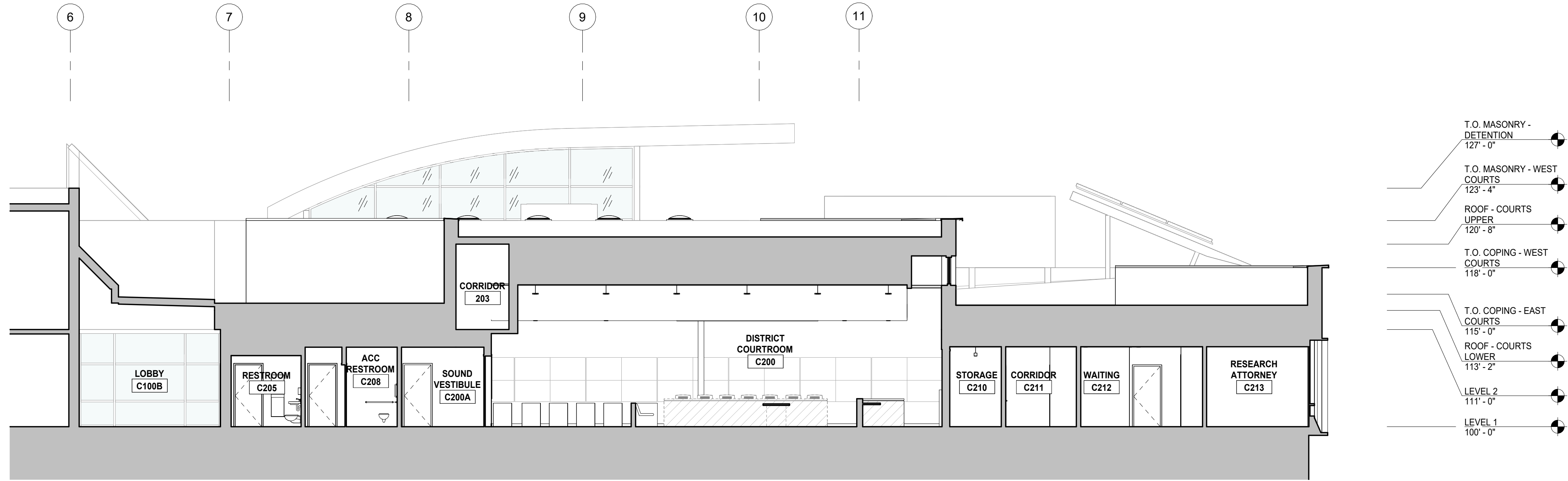
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BUILDING SECTIONS

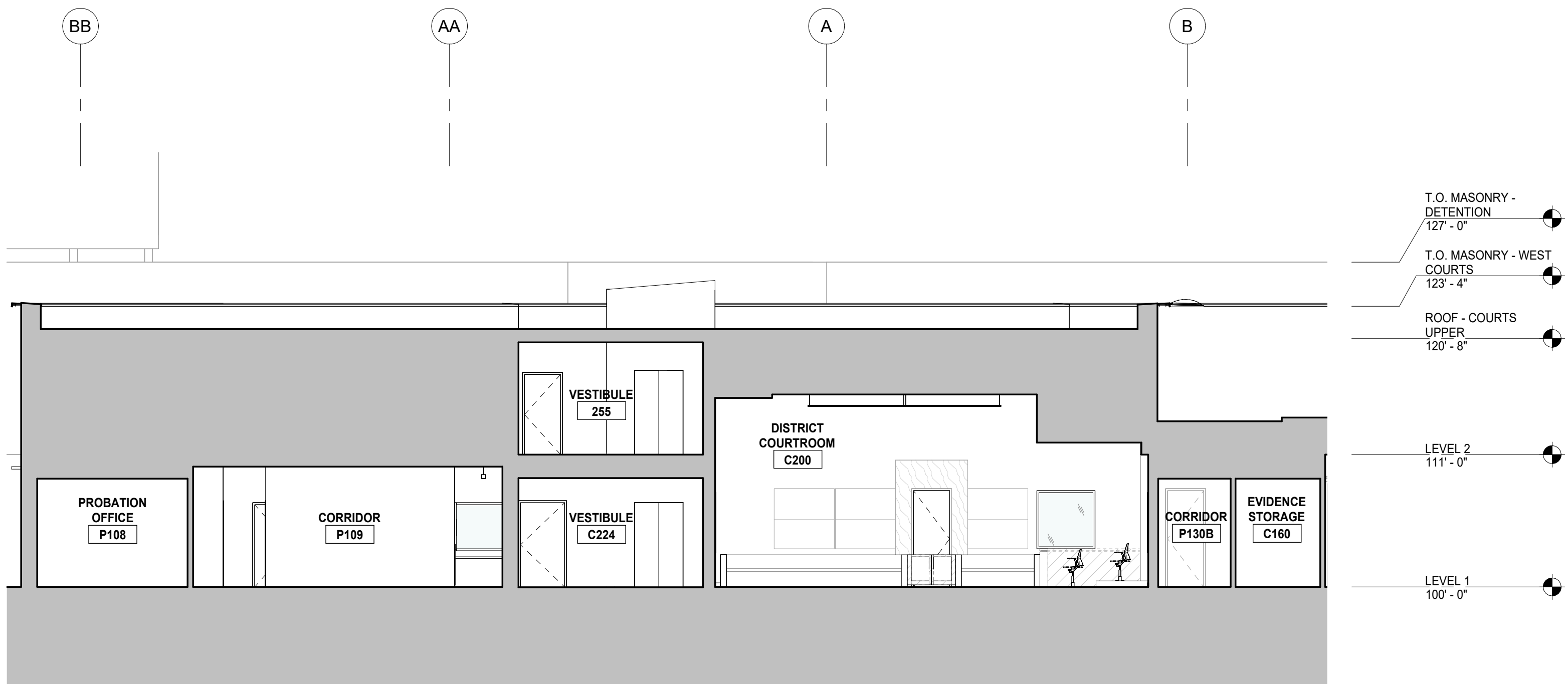
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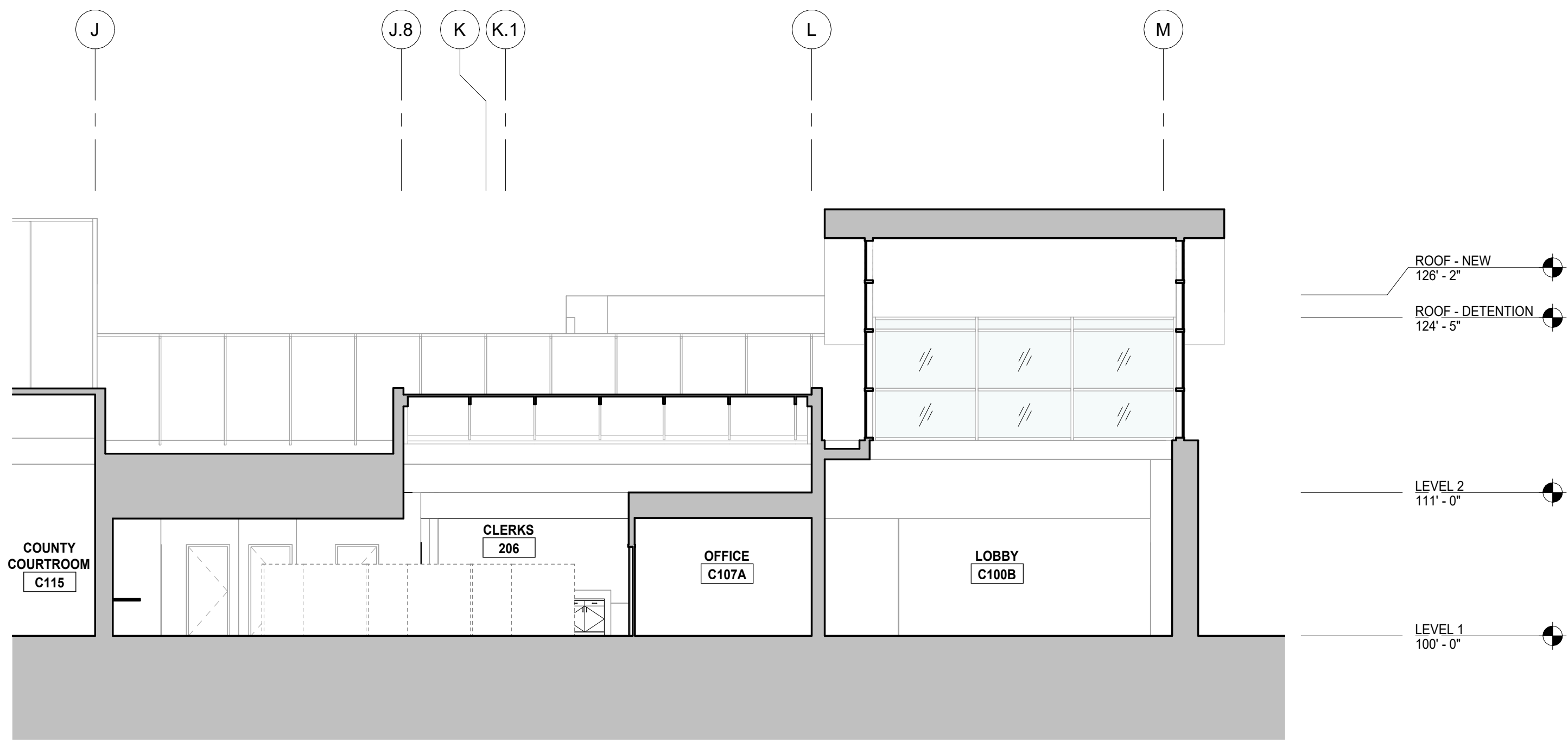
N/S BUILDING SECTION - EAST
1
A-211
1/8" = 1'-0"



N/S BUILDING SECTION - WEST
2
A-211
1/8" = 1'-0"



E/W BUILDING SECTION - WEST
4
A-211
1/8" = 1'-0"

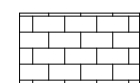


E/W BUILDING SECTION - EAST
3
A-211
1/8" = 1'-0"

GENERAL NOTES

1. RE: PPD FOR MATERIAL QUALITY AND BASIS OF DESIGN MATERIALS / PRODUCTS
2. RE: PPD FOR DESCRIPTION OF SILLS, COPINGS, FLASHING, AND TRIM

LEGEND

	STONE VENEER 1	ST-1
	STONE VENEER 2	ST-2
	METAL PANEL	MP-1

WORK NOTES

502	METAL PANEL TRIM
503	METAL COPING
803	GLAZED ALUMINUM STOREFRONT ASSEMBLY
807	VERTICAL ALUMINUM MULLION COVER



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EXTERIOR PERSPECTIVES

A-212

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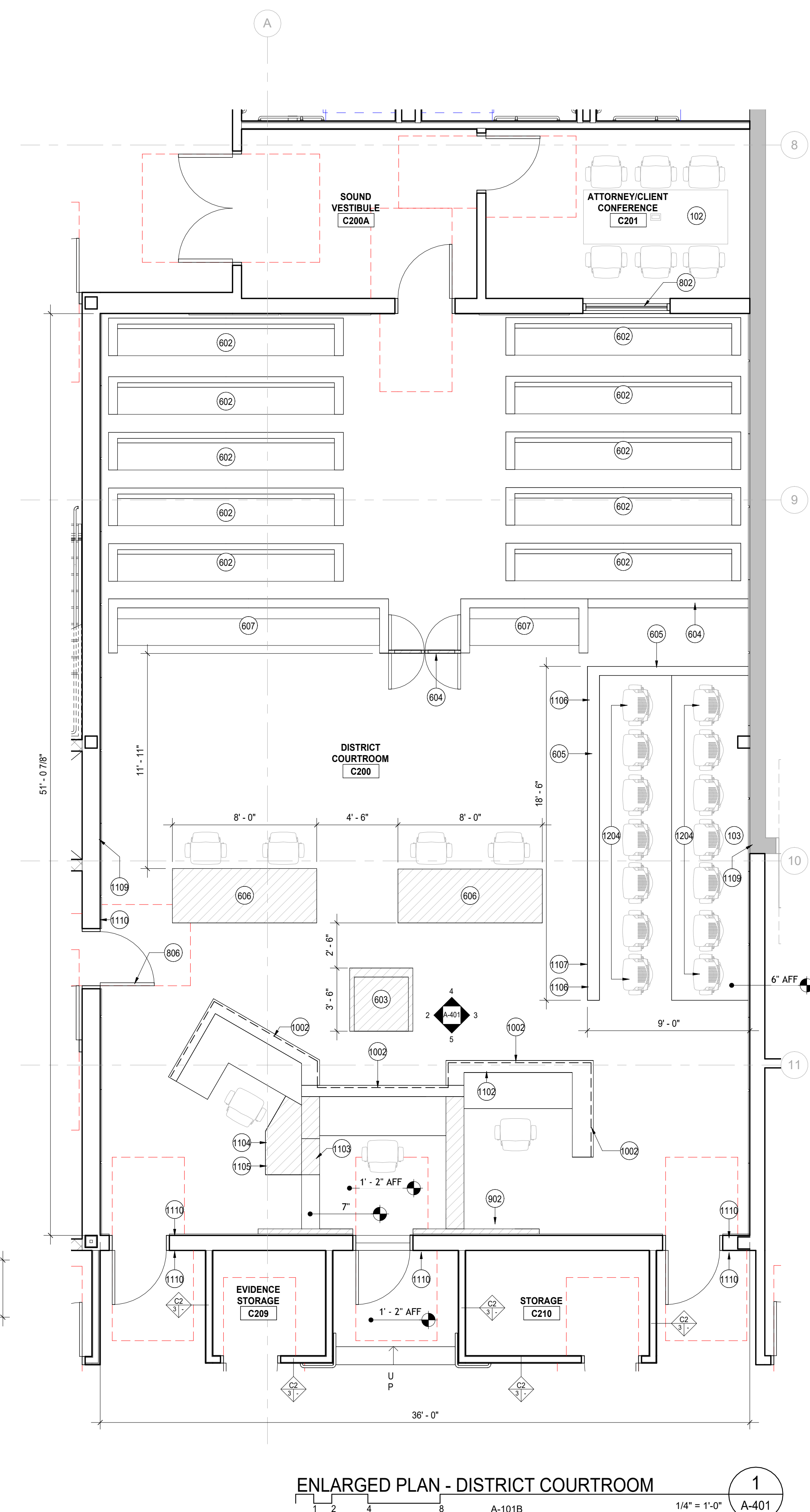
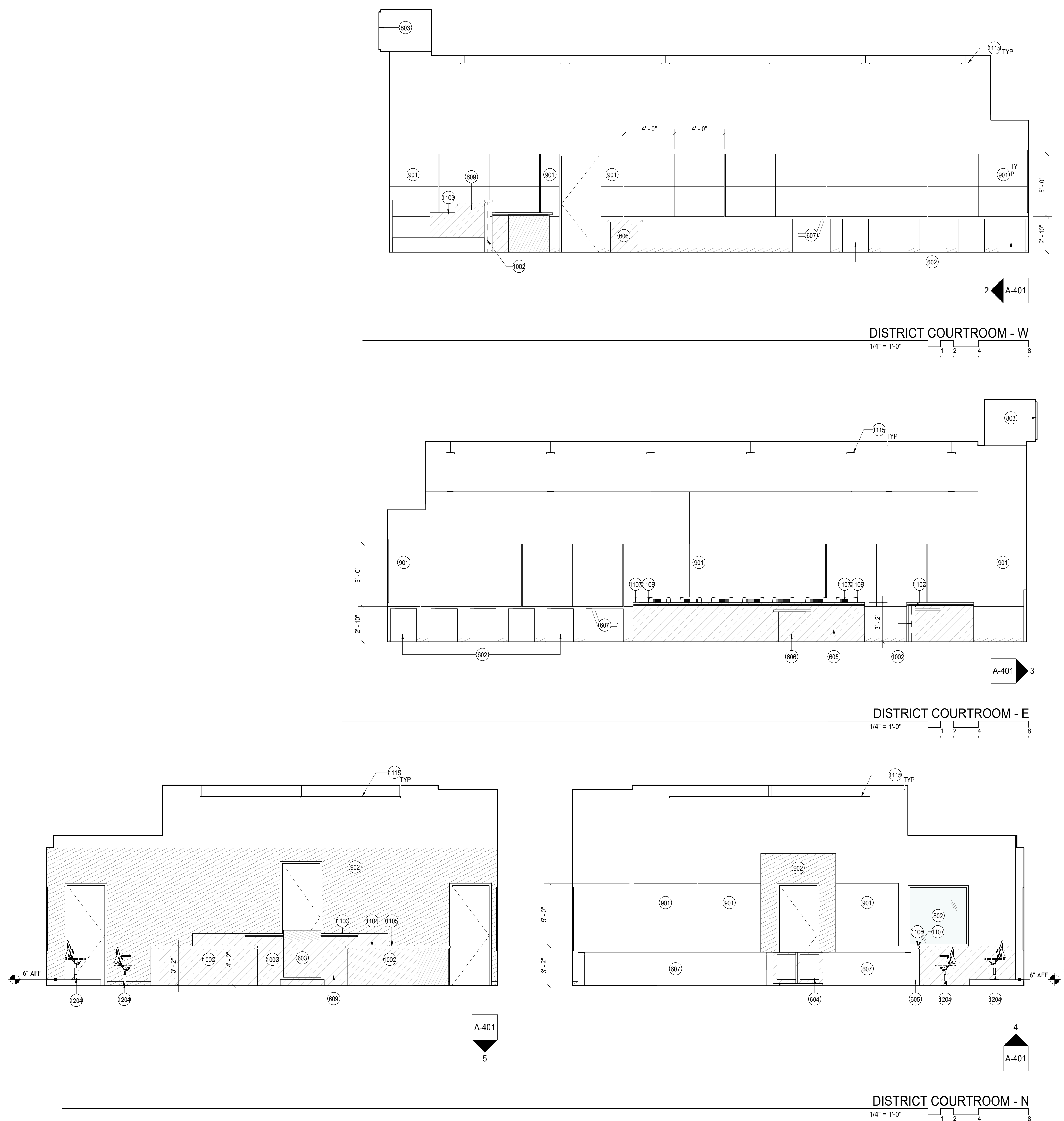
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SCHEMATIC DESIGN 10 APRIL 2026

**ENLARGED PLAN -
DISTRICT COURTROOM**

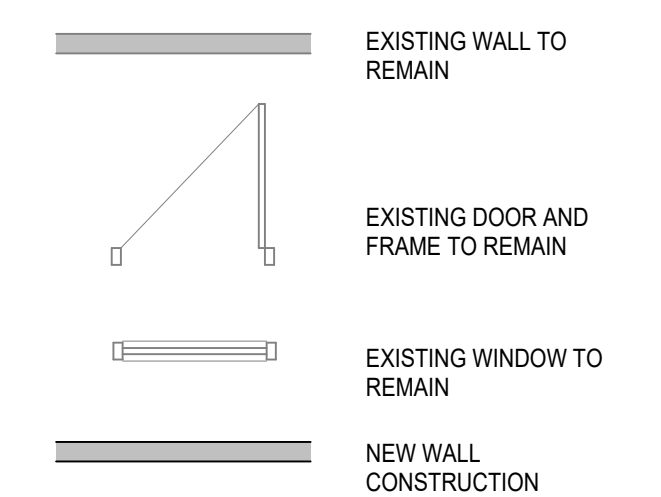
A-401



GENERAL NOTES

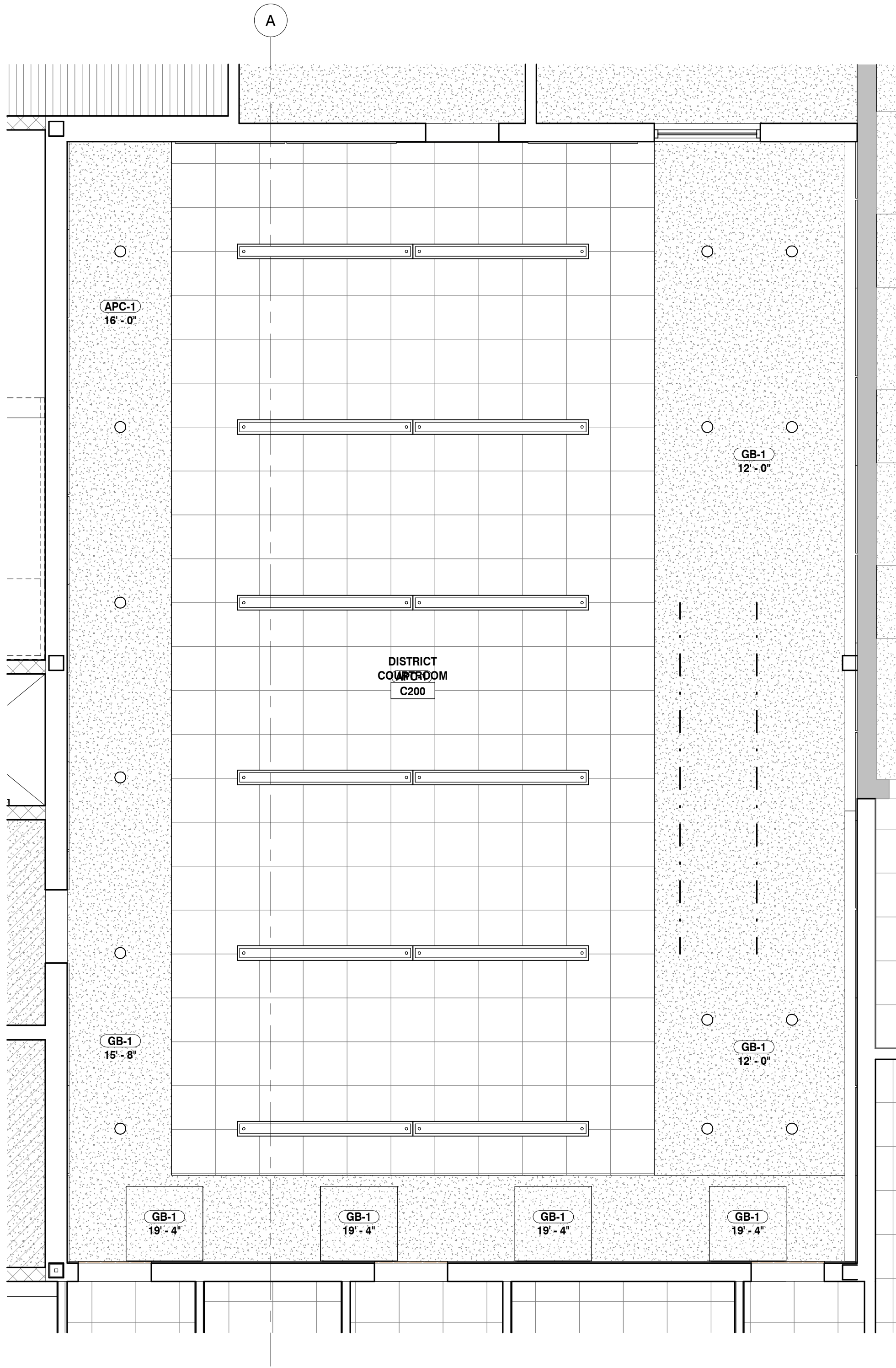
1. RE: FINISH PLANS AND FINISH LEGEND FOR ADDITIONAL FINISH INFORMATION
2. ALL WALLS ARE C3a OUN

LEGEND



WORK NOTES ○

- | | |
|------|--|
| 102 | AUDIO-OCCUPY CONNECTION BETWEEN ATTORNEY/CLIENT CONFERENCE ROOM AND COURTROOM |
| 103 | RAISED PLATFORM |
| 602 | CUSTOM FABRICATED HARDWOOD VENEER BENCH WITH END PANEL |
| 603 | CUSTOM FABRICATED HARDWOOD VENEER PARTIAL-HIGHT PARTITIONS |
| 604 | CUSTOM FABRICATED HARDWOOD VENEER PARTIAL-HIGHT PARTITIONS AT WELL ENTRY WITH BUILT-IN MATCHING GATE |
| 605 | CUSTOM FABRICATED HARDWOOD VENEER PARTIAL-HIGHT JURY DEVSING PARTITION |
| 606 | CUSTOM HARDWOOD VENEER COUNSEL TABLE |
| 607 | SPECTATOR SEATING W/INTERGAL MODESTY RAIL |
| 609 | CUSTOM FABRICATED HARDWOOD VENEER JUDGE'S BENCH AND DIAS |
| 802 | GLAZED ALUMINUM STOREFRONT ASSEMBLY |
| 803 | GLAZED ALUMINUM STOREFRONT ASSEMBLY |
| 804 | DETENTION DOOR |
| 901 | ACOUSTIC WALL PANEL |
| 902 | WOOD VENEER WALL PANEL |
| 1002 | BULB-OUT RATED PANGLOSS IN WALL UP TO 6'-0" HT OR TOP OF PARTIAL HIGHT WALL |
| 1102 | CONNECTION POINTS FOR POWER AND AV |
| 1103 | INTEGRATED RECORDING UNIT |
| 1104 | INTERCOM |
| 1105 | WIRELESS MICROPHONE CHARGER |
| 1106 | MICROPHONE PORT IN TOP OF RAIL |
| 1107 | EVIDENCE DISPLAY MONITORS |
| 1109 | DESIGNATED SPACE FOR WALL-MOUNTED MONITOR |
| 1110 | CARD READER |
| 1115 | SUSPENDED LINEN LIGHTING FIXTURES |
| 1202 | FIXED JURY CHAIR, W/SELF CORRECTING SWIVEL |



LEVEL 1 - ENLARGED RCP - DISTRICT COURTROOM

1

2' 4' 8' 16' A-111 1/4" = 1'-0" A-401B

GENERAL NOTES

1. CENTER PANEL PATTERN IN ROOM UCN.

2. RATED WALLS ARE INDICATED ON RCP FOR REFERENCE ONLY. RE: CODE PLANS FOR EXACT LOCATIONS.

LEGEND

- EXISTING WALL TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW TO REMAIN
- NEW WALL CONSTRUCTION
- ONE HOUR FIRE BARRIER, RE: CODE PLANS
- TWO HOUR FIRE BARRIER, RE: CODE PLANS
- ACOUSTICAL PANEL CEILING
- ACOUSTICAL PANEL CEILING FALSE 2x2 GRID
- SUSPENDED GB CEILING
- SECURITY CEILING
- SUSPENDED LINEAR WOOD CEILING
- LAY-IN OR SURFACE MOUNTED FIXTURE
- SUSPENDED FIXTURE
- WALL MOUNTED FIXTURE
- RECESSED OR SURFACE MOUNTED DOWNLIGHT
- WALL MOUNT LIGHT FIXTURE
- TRACK LIGHTING, RE: ELEC FOR FIXTURES
- PENDANT FIXTURE
- EXIT SIGN
- MECHANICAL RETURN
- MECHANICAL SUPPLY
- SPRINKLER HEAD
- 8'-0" INDICATE CEILING HEIGHT ABOVE FLOOR ELEVATION

WORK NOTES

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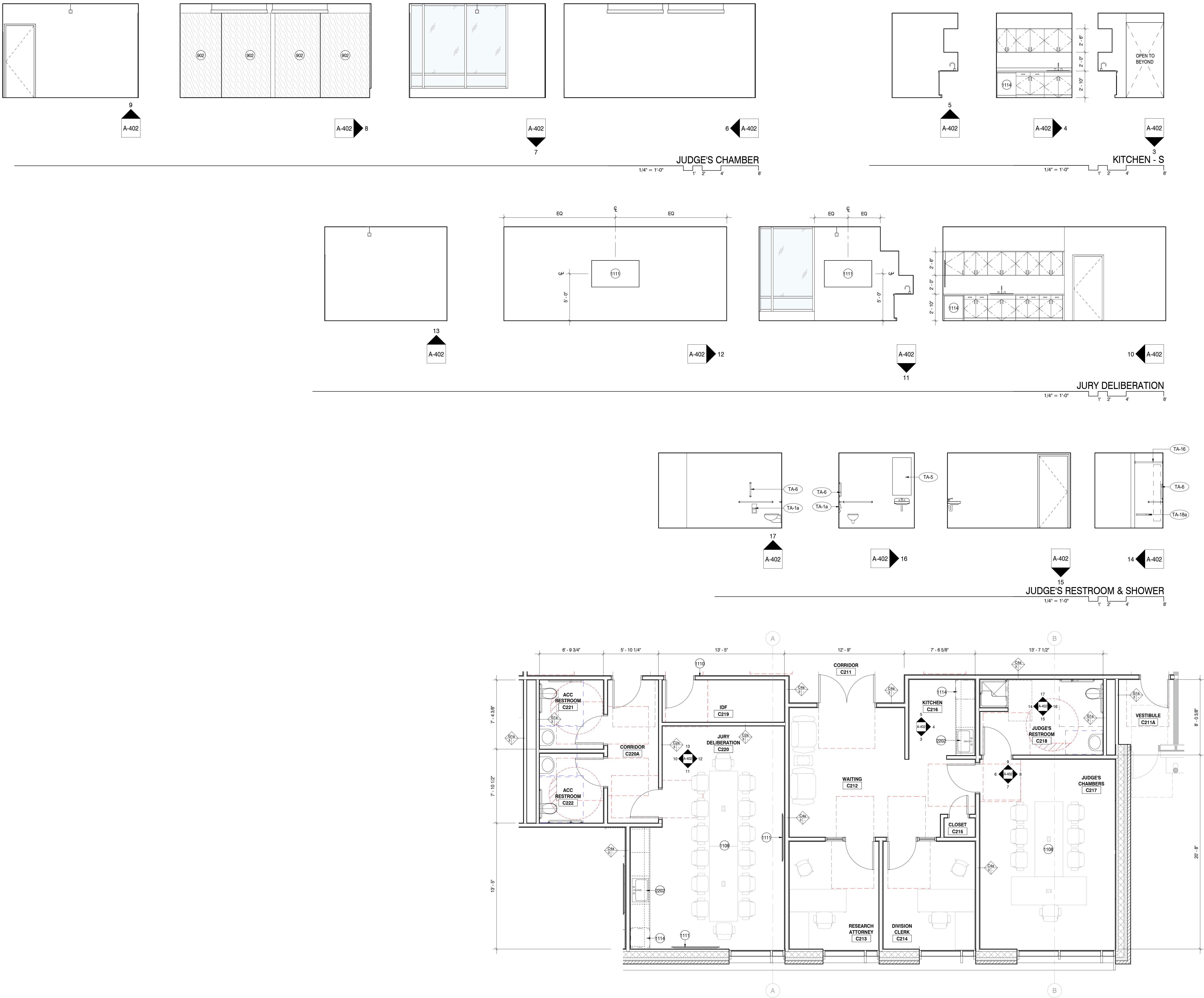
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10 APRIL 2026

ENLARGED REFLECTED
CEILING PLAN - DISTRICT
COURTROOM

A-401B



ENLARGED PLAN - JUDGE'S CHAMBERS & JURY DELIBERATION

1

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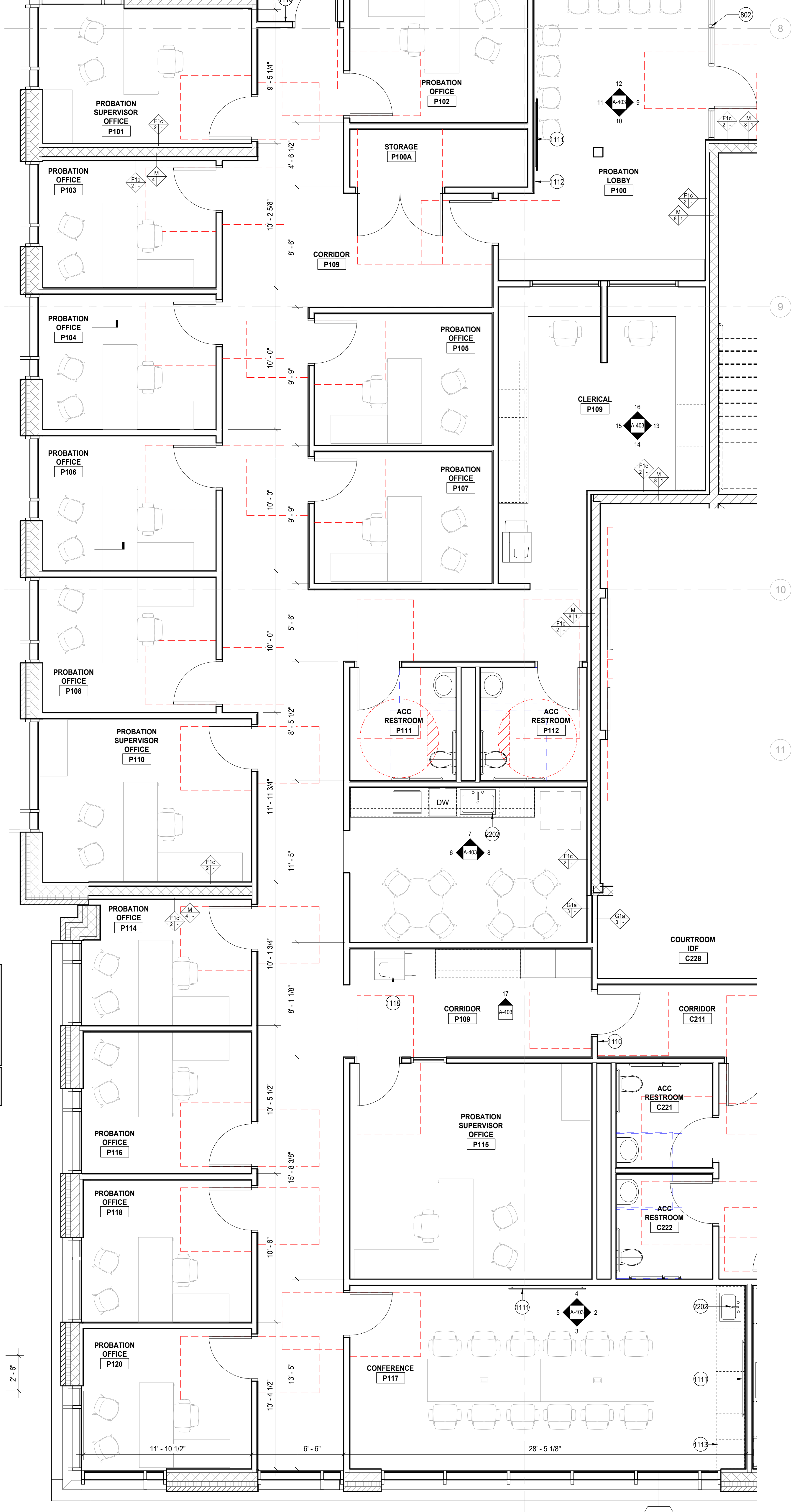
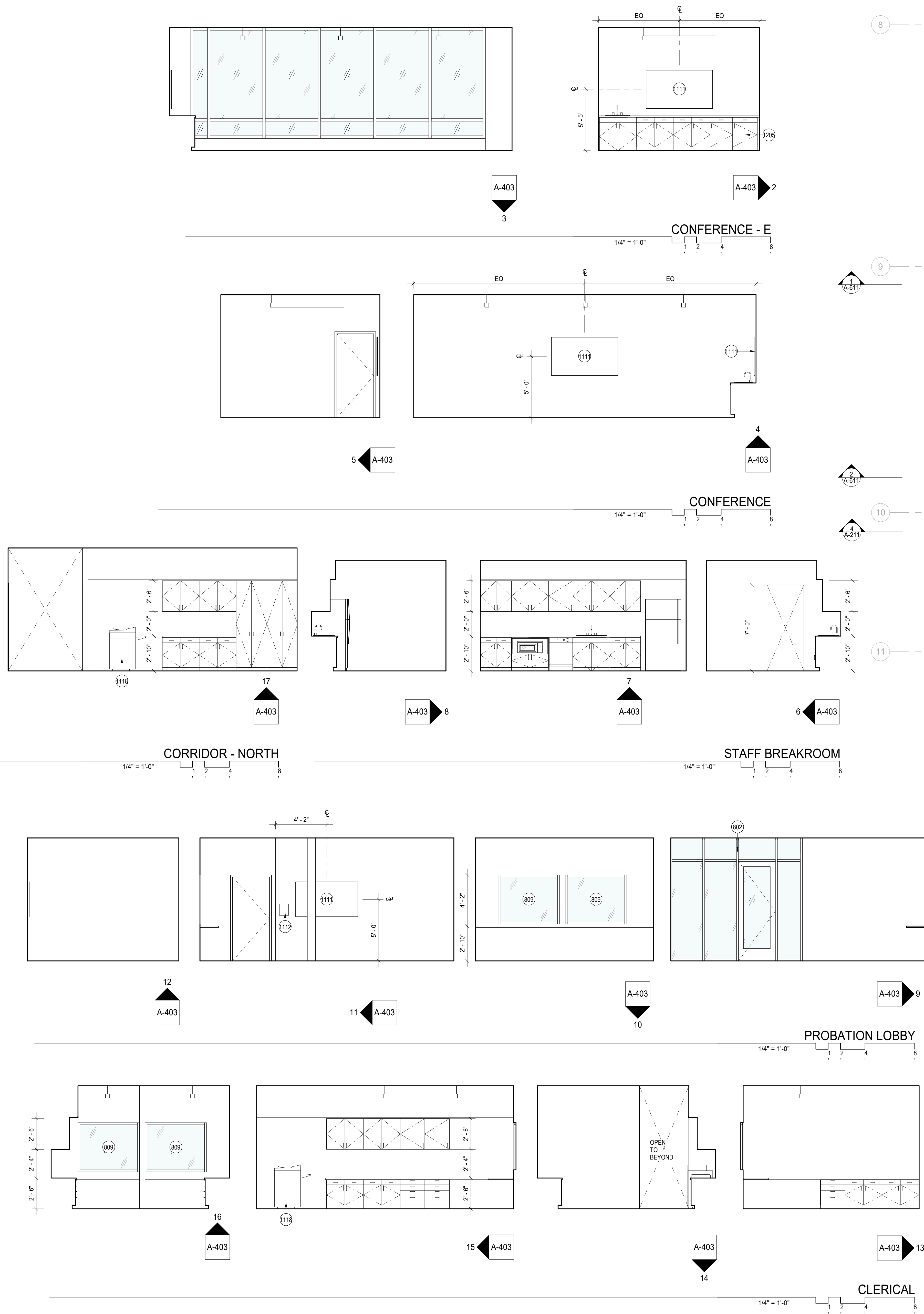
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ENLARGED PLAN -
JUDGE'S CHAMBERS &
JURY DELIBERATION

A-402



ENLARGED PLAN - PROBATION

GENERAL NOTES	
1.	RE-FINISH PLANS AND FINISH LEGEND FOR ADDITIONAL FINISH INFORMATION
2.	ALL WALLS ARE C3a OUN

LEGEND	
	EXISTING WALL TO REMAIN
	EXISTING DOOR AND FRAME TO REMAIN
	EXISTING WINDOW TO REMAIN
	NEW WALL CONSTRUCTION

WORK NOTES	
802	INTERIOR ALUMINUM STOREFRONT ASSEMBLY
809	INTERIOR ALUMINUM TRANSACTION WINDOW WITH INTEGRAL AUDIO SYSTEM
1110	CARD READER
1111	WALL-MOUNTED DISPLAY, OFOI
1112	WALL-MOUNTED PHONE STATION
1113	24" VENTED CABINET FOR AV EQUIPMENT NEEDS
1118	PRINTER/COPIER, OFOI
1205	24" VENTED CABINET FOR AV EQUIPMENT NEEDS
2202	UNDERMOUNT STAINLESS STEEL SINK

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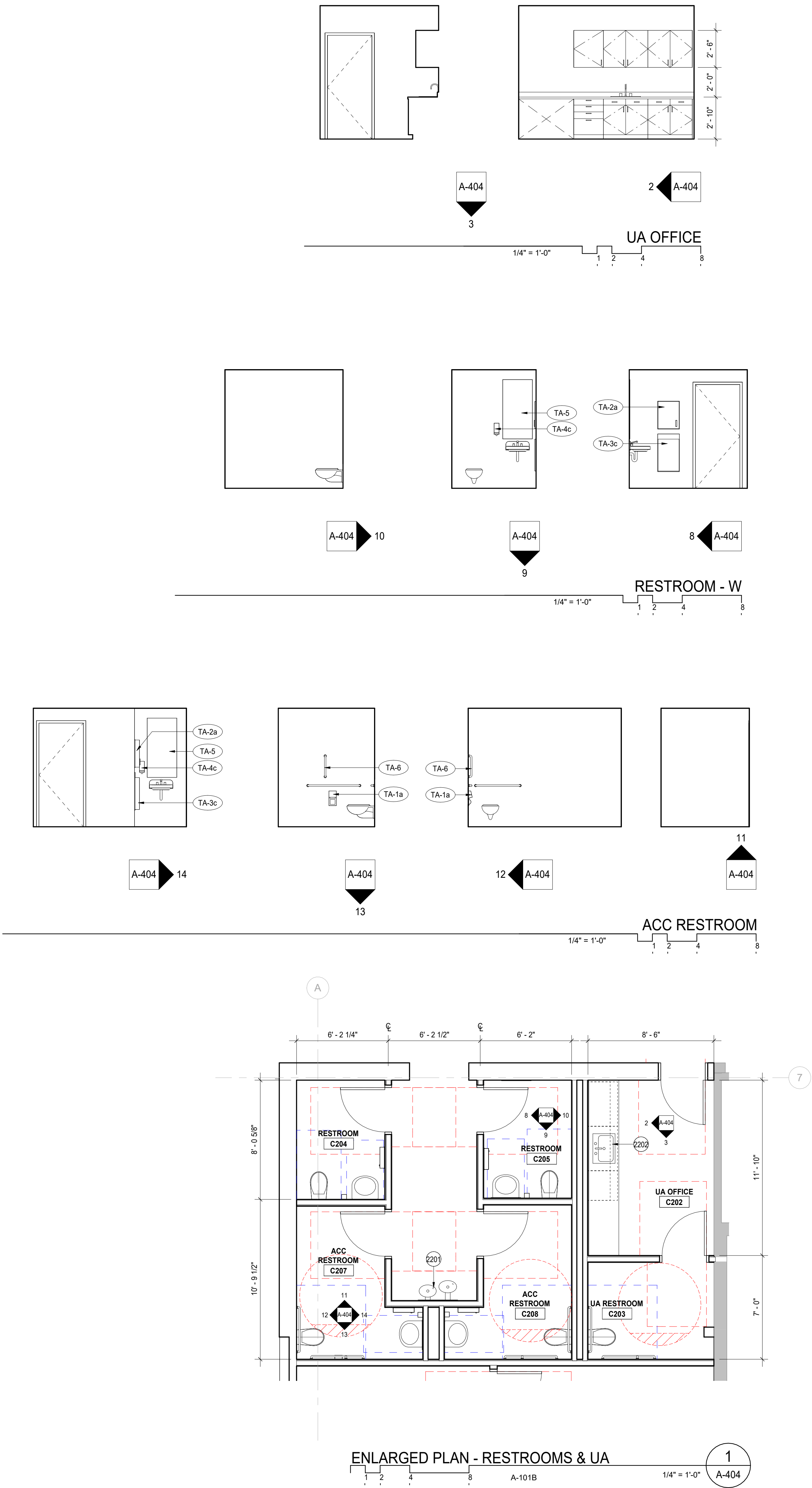
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SCHEMATIC DESIGN 10 APRIL 2026

ENLARGED PLAN - PROBATION

A-403



GENERAL NOTES

1. CLEARANCES AND OTHER DIMENSIONS SHOWN IN "TOILET FIXTURE AND ACCESSORY MOUNTING HEIGHT SCHEDULE" ARE ABSOLUTE. SHOULD PLAN DIMENSIONS OR FIELD CONDITIONS RESULT IN INADEQUATE CLEARANCES, NOTIFY ARCHITECT BEFORE PROCEEDING WITH WORK.

LEGEND

- EXISTING WALL TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW TO REMAIN
- NEW WALL CONSTRUCTION

WORK NOTES

- 2201 DRINKING FOUNTAIN
- 2202 UNDERMOUNT STAINLESS STEEL SINK

TA FIXTURES

- TA-1a DOUBLE-ROLL TOILET TISSUE DISPENSER
- TA-2a FOLDED PAPER TOWEL DISPENSER, RECESSED
- TA-3c WASTE RECEPTACLE, RECESSED
- TA-4c LIQUID-SOAP DISPENSER, SURFACE MOUNTED
- TA-5 FRAMED MIRROR
- TA-6 GRAB BARS

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25-041

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ENLARGED PLAN -
RESTROOM & UA

A-404

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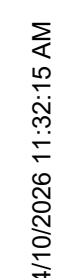
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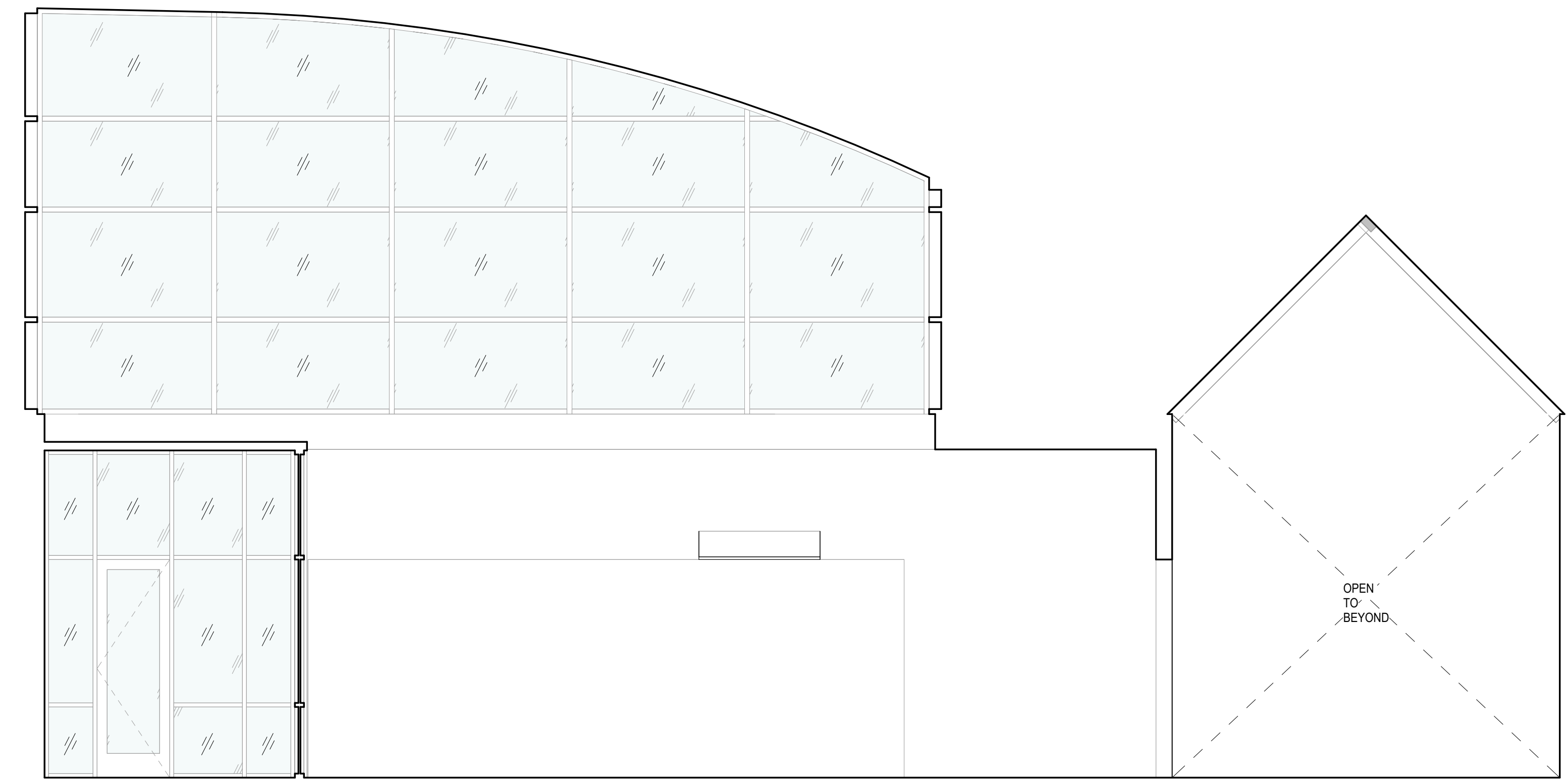
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ENLARGED PLANS - CLERKS

A-405



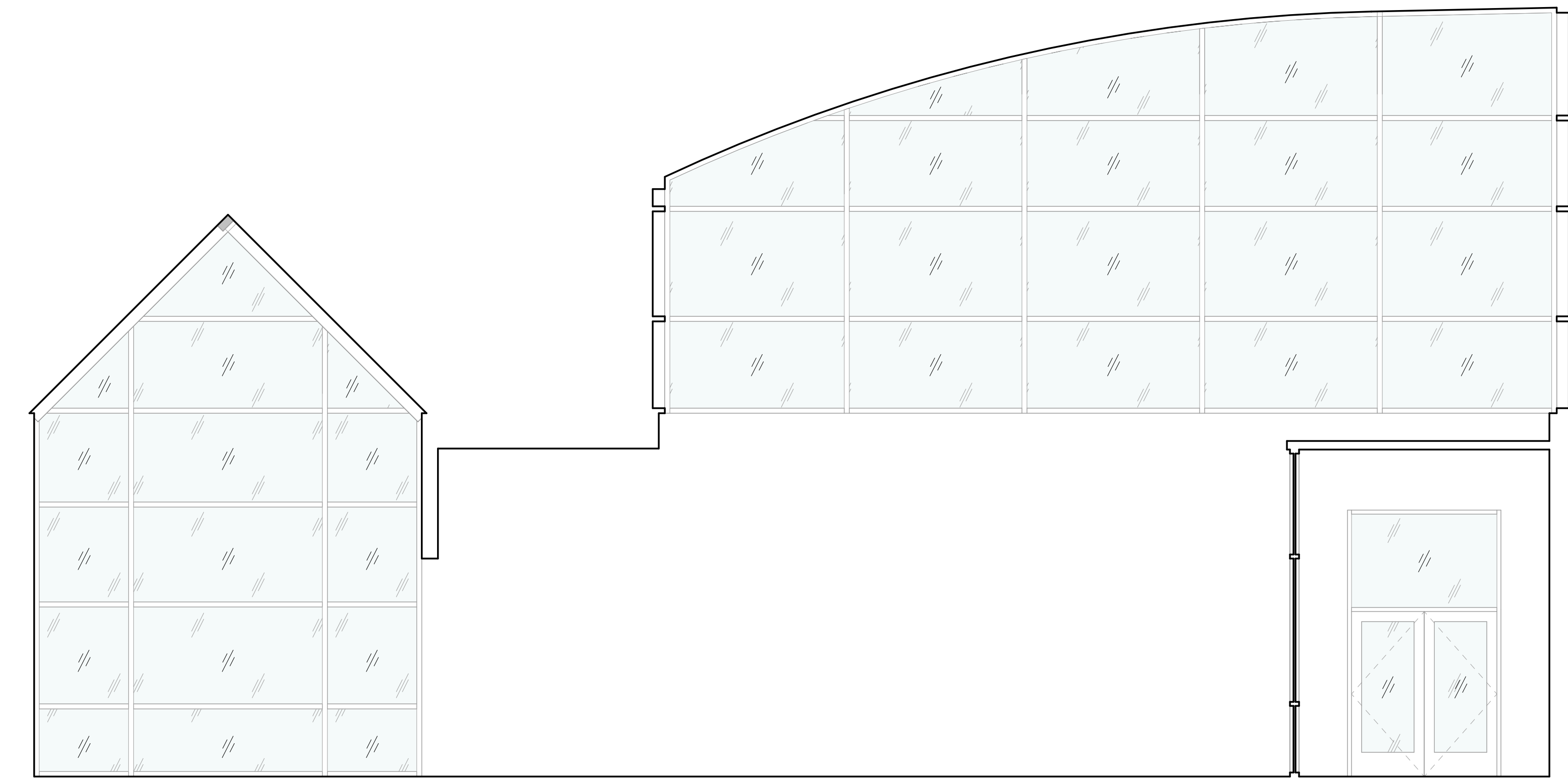


2 ◀ A-406

LOBBY - W

1/4" = 1'-0"

1 2 4 8

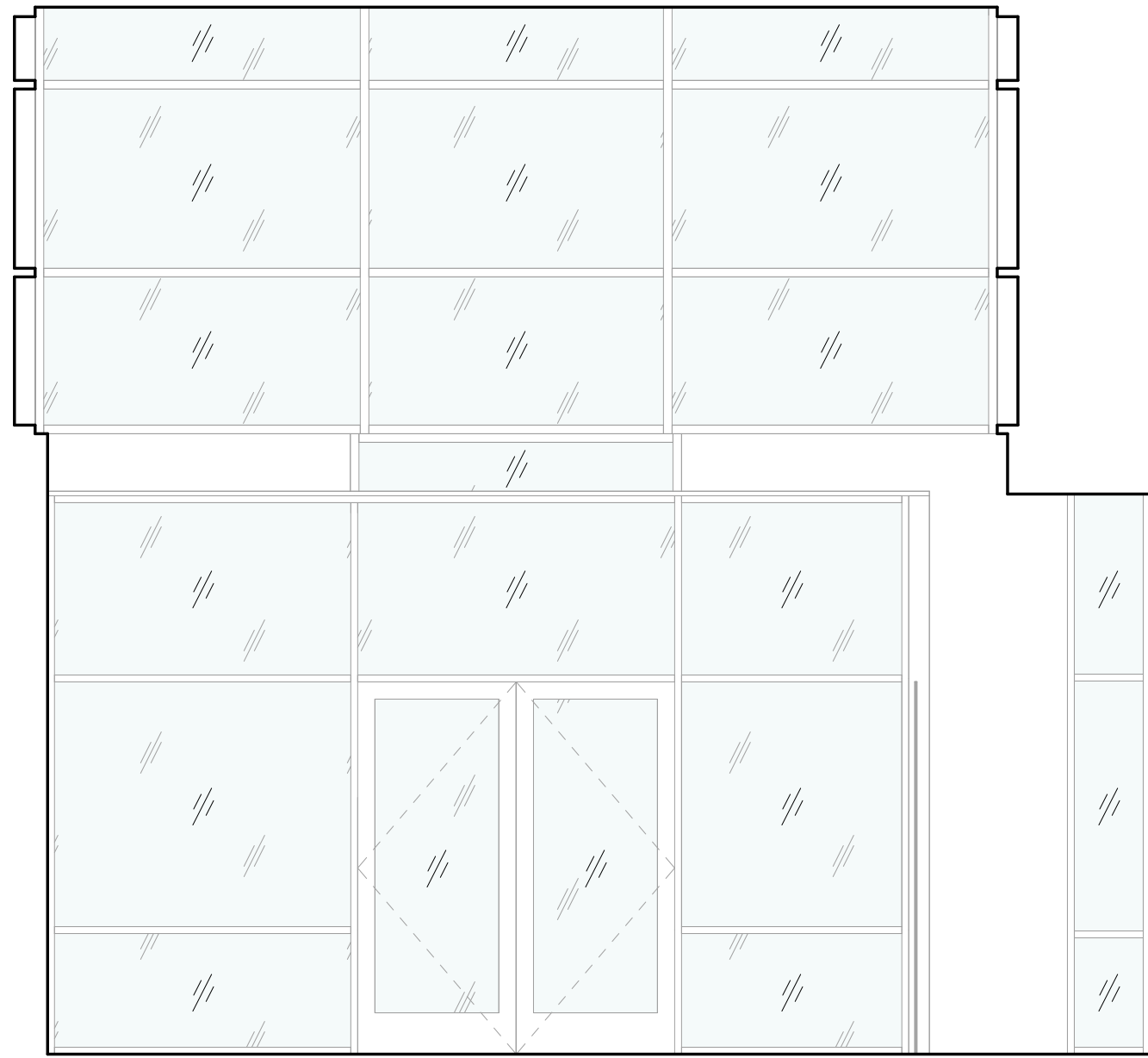


A-406 ▶ 3

LOBBY - E

1/4" = 1'-0"

1 2 4 8

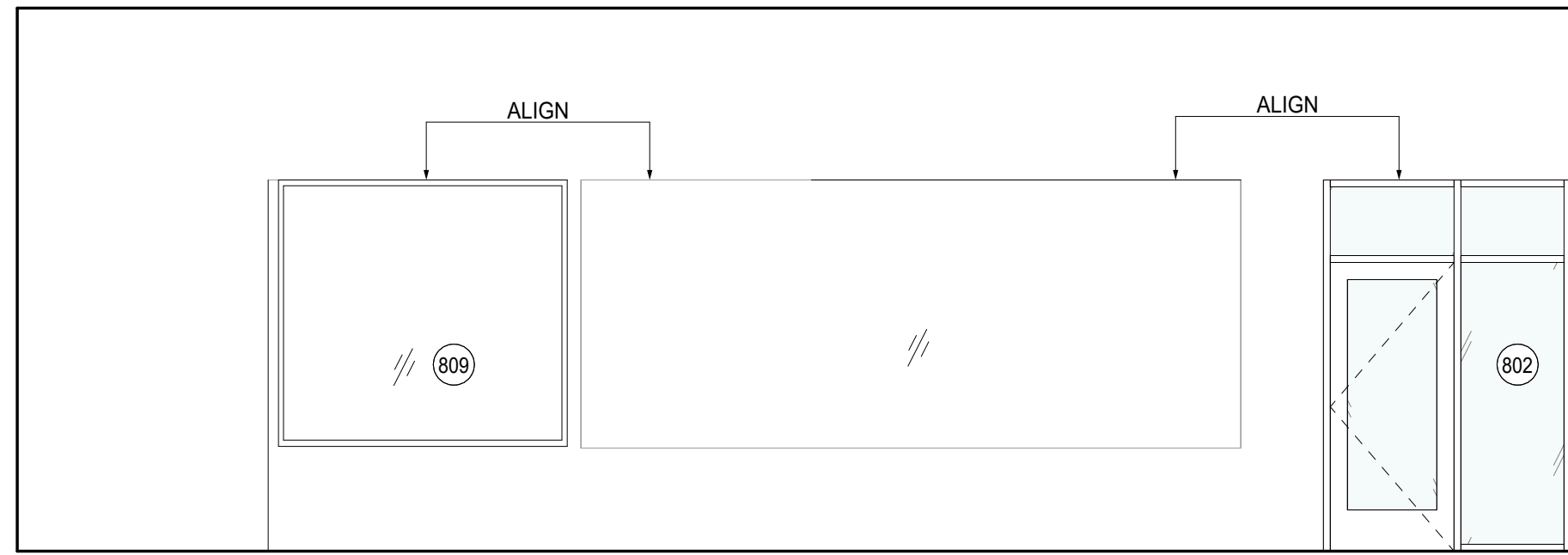


A-406

LOBBY - S

1/4" = 1'-0"

1 2 4 8

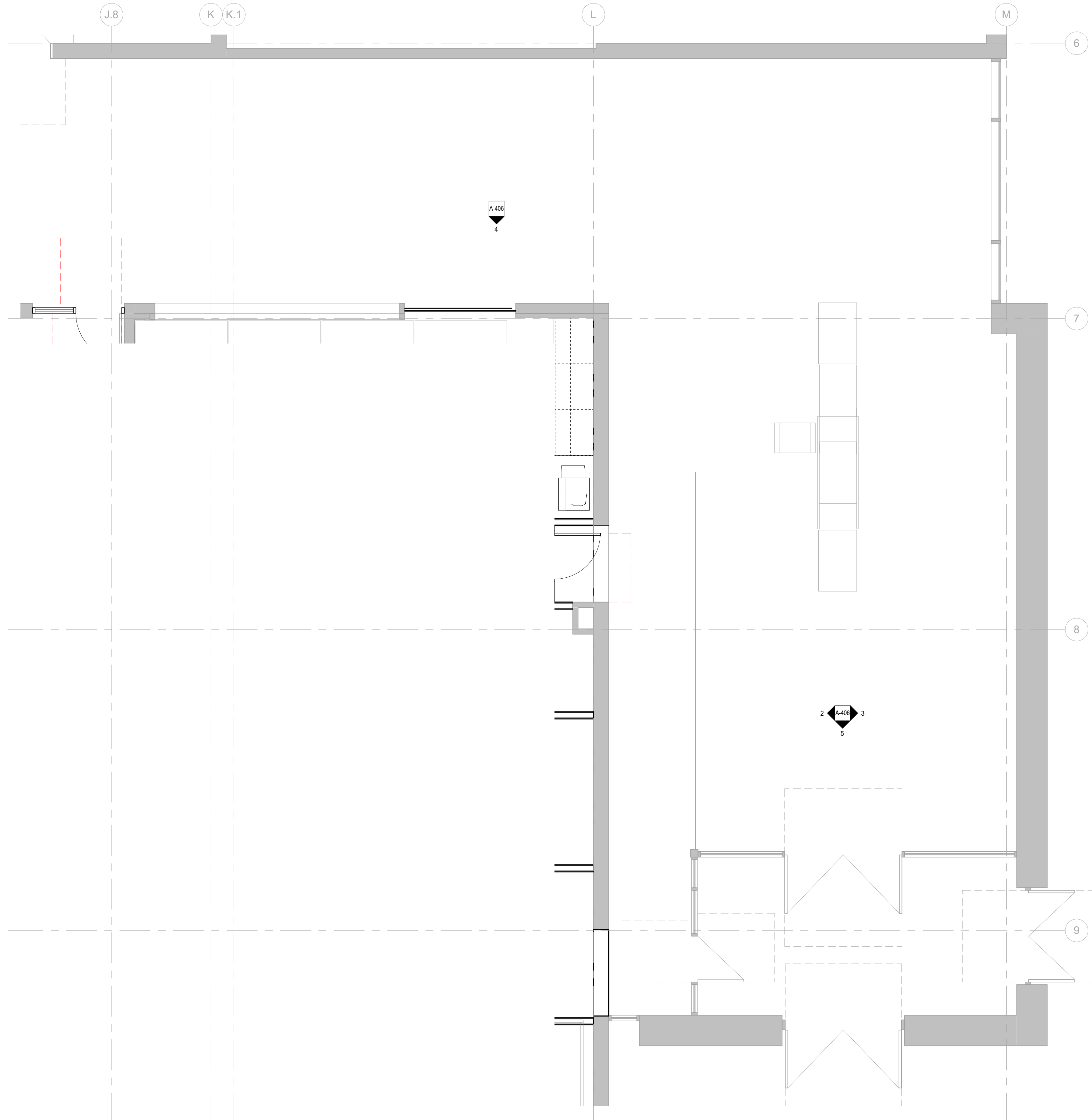


A-406

CLERK WINDOW - S

1/4" = 1'-0"

1 2 4 8



ENLARGED PLAN - LOBBY

A-101A

1

A-406

GENERAL NOTES

1. RE: FINISH PLANS AND FINISH LEGEND FOR ADDITIONAL FINISH INFORMATION
2. ALL WALLS ARE C3a OUN

LEGEND

- EXISTING WALL TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW TO REMAIN
- NEW WALL CONSTRUCTION

WORK NOTES

- 802 INTERIOR ALUMINUM STOREFRONT ASSEMBLY
- 809 INTERIOR ALUMINUM TRANSACTION WINDOW WITH INTEGRAL AUDIO SYSTEM

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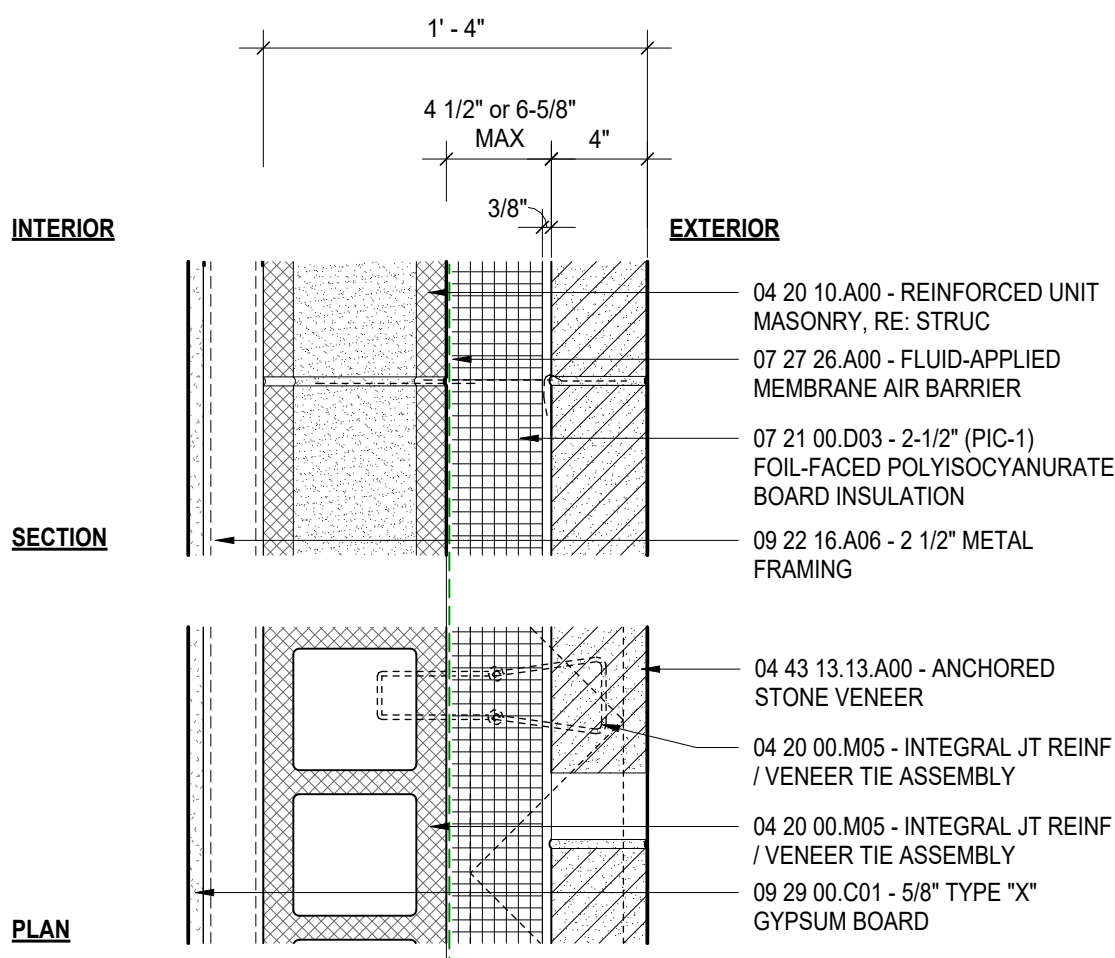
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EXTERIOR ASSEMBLIES - WALL, ROOF, & SOFFIT

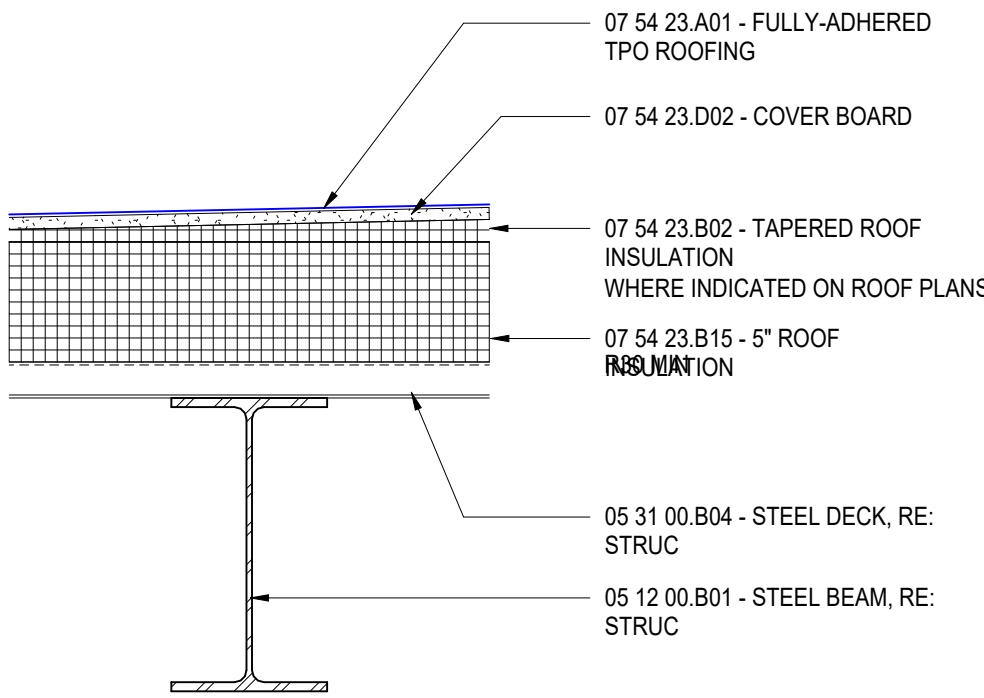
A-601



WALL ASSEMBLY - ANCHORED STONE VENEER

1 1/2" = 1'-0"

WA1



TPO ROOF ASSEMBLY - TPO - METAL DECK

SCALE: 1 1/2" = 1'-0"

RA1

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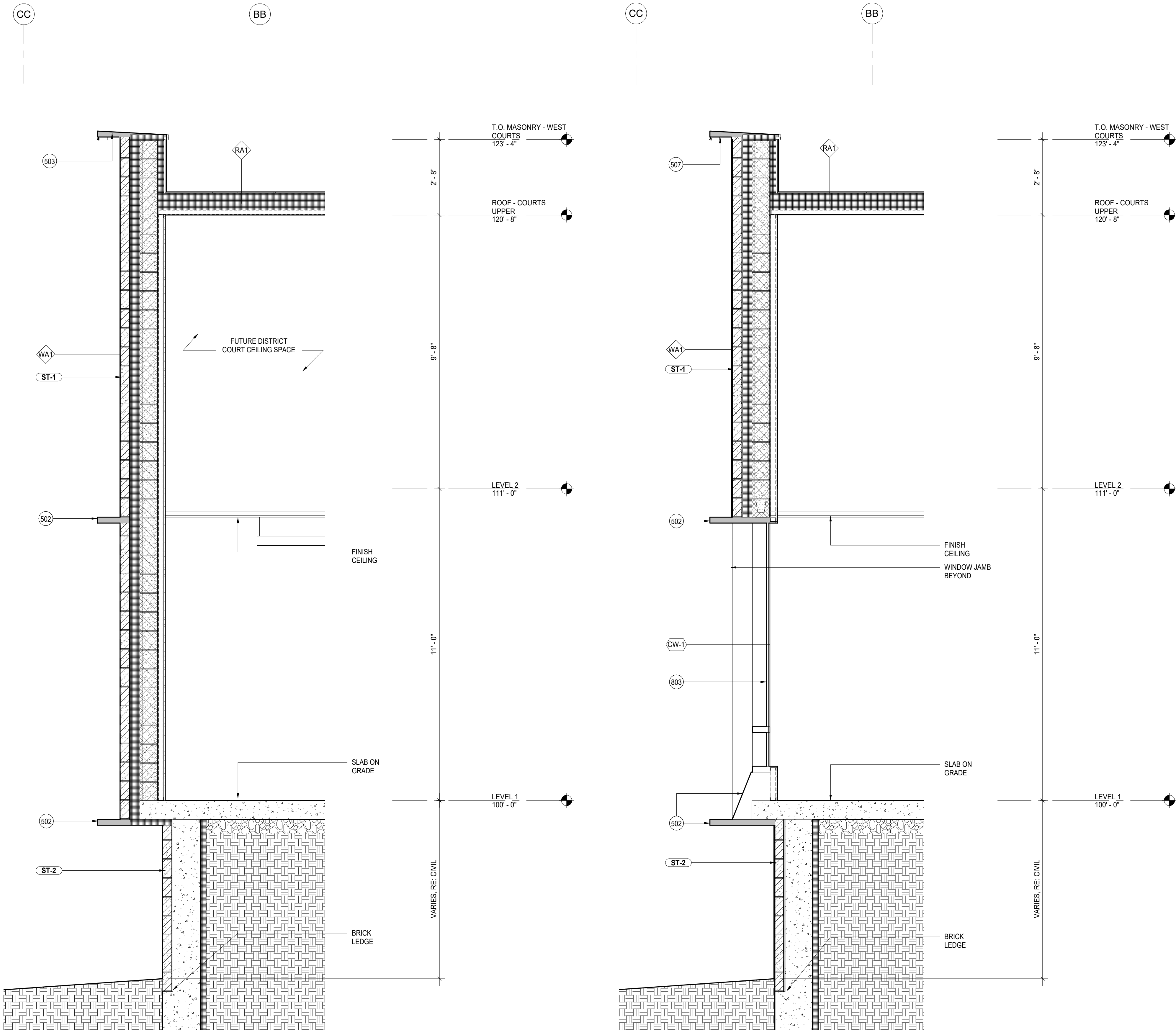
SCHEMATIC DESIGN 10 APRIL 2026

WALL SECTIONS

A-611

GENERAL NOTES	
1. GENERAL NOTE	

WORK NOTES	
502	METAL PANEL TRIM
503	METAL COPING
507	METAL PARAPET COPING WITH EXTENDED METAL TRIM
803	GLAZED ALUMINUM STOREFRONT ASSEMBLY
807	VERTICAL ALUMINUM MULLION COVER
904	EXTERIOR STONE VENEER 1



LEVEL 1 PLAN DETAIL - WEST
1 2 4 8 A-101B 1/4" = 1'-0" A-611

WALL SECTION - WESTERN STONE VENEER
6 1 2 4 A-101B 1/2" = 1'-0" A-611

WALL SECTION - WESTERN PUNCHED OPENING
6 1 2 4 A-101B 1/2" = 1'-0" A-611

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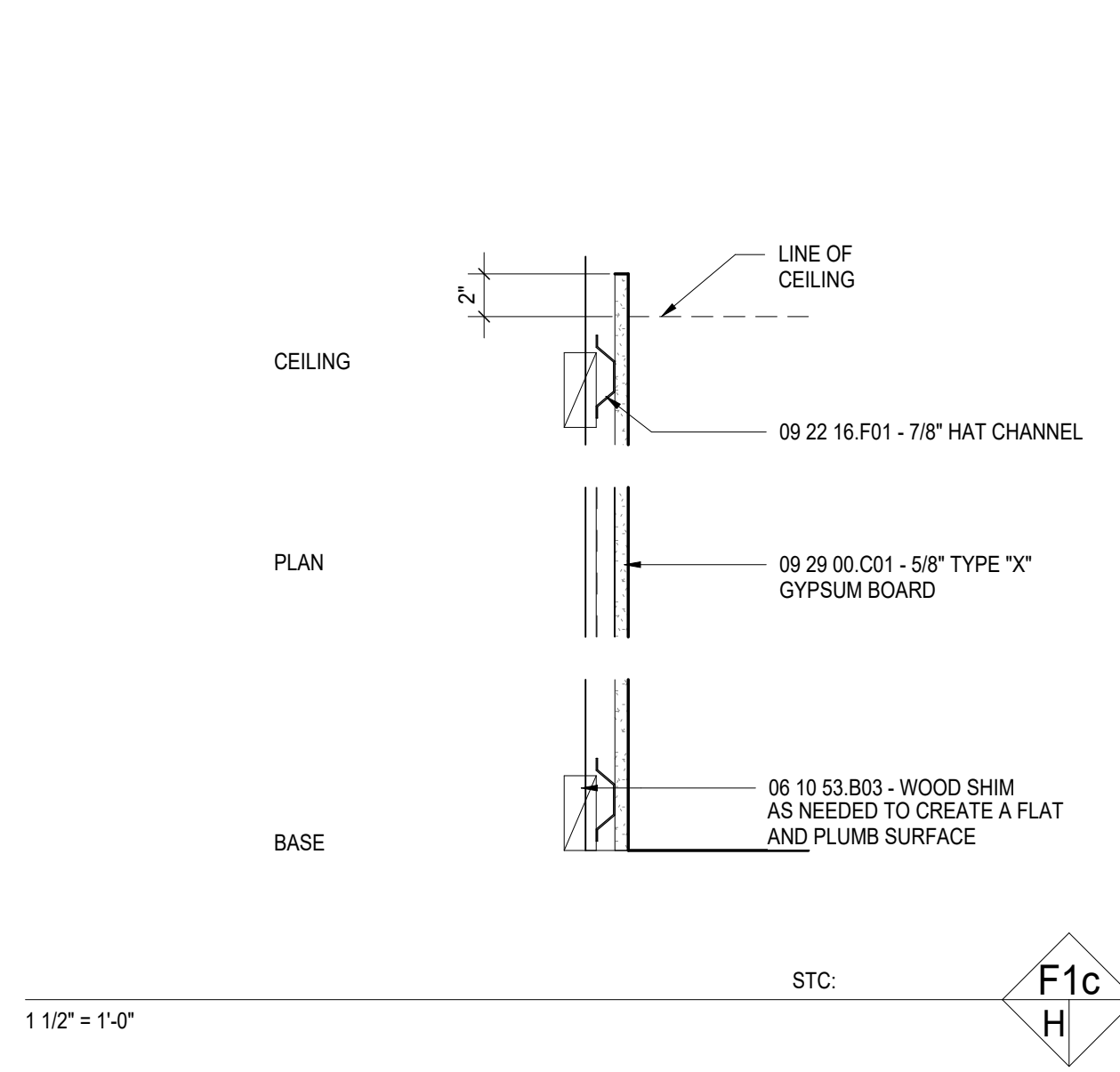
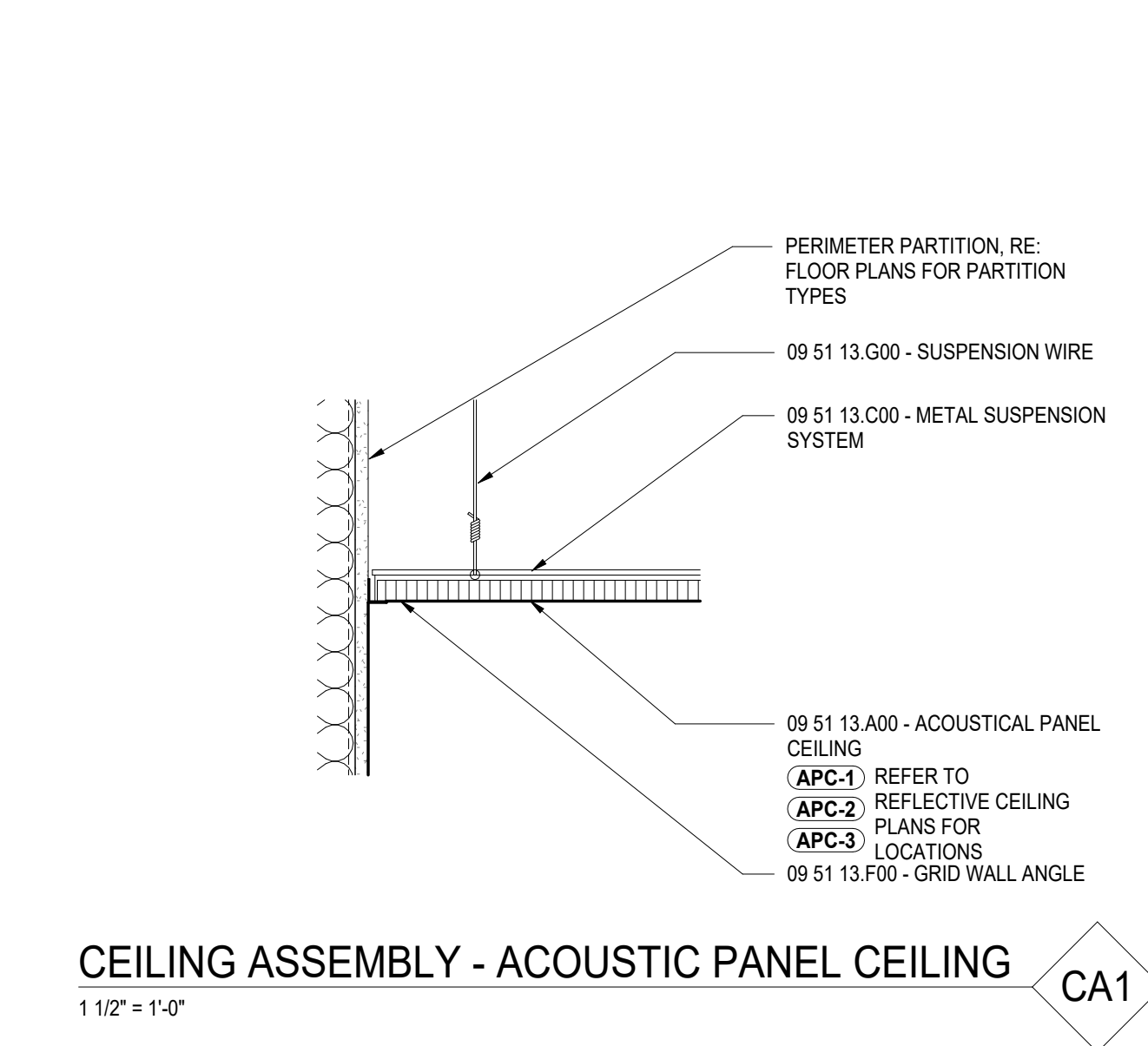
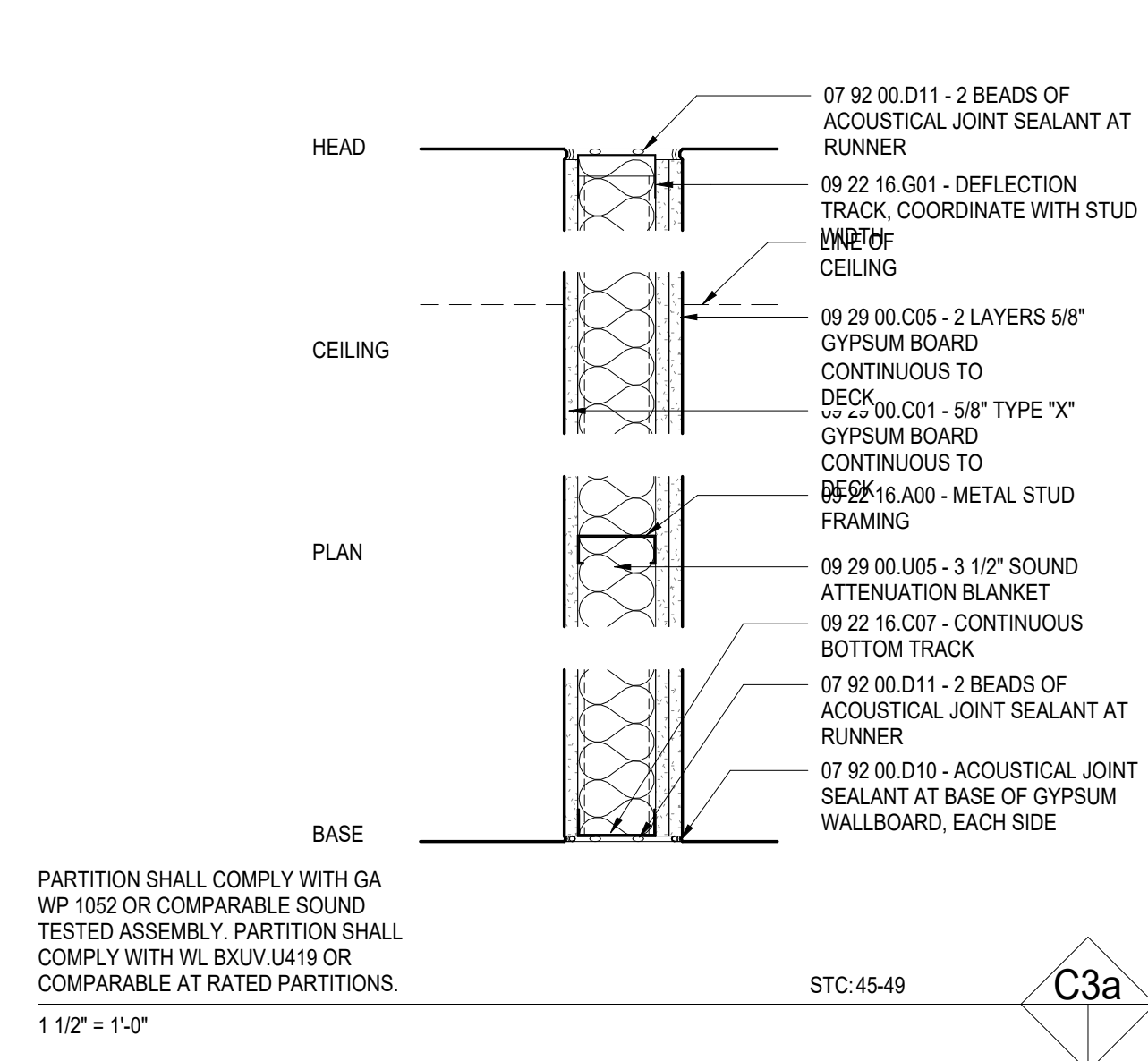
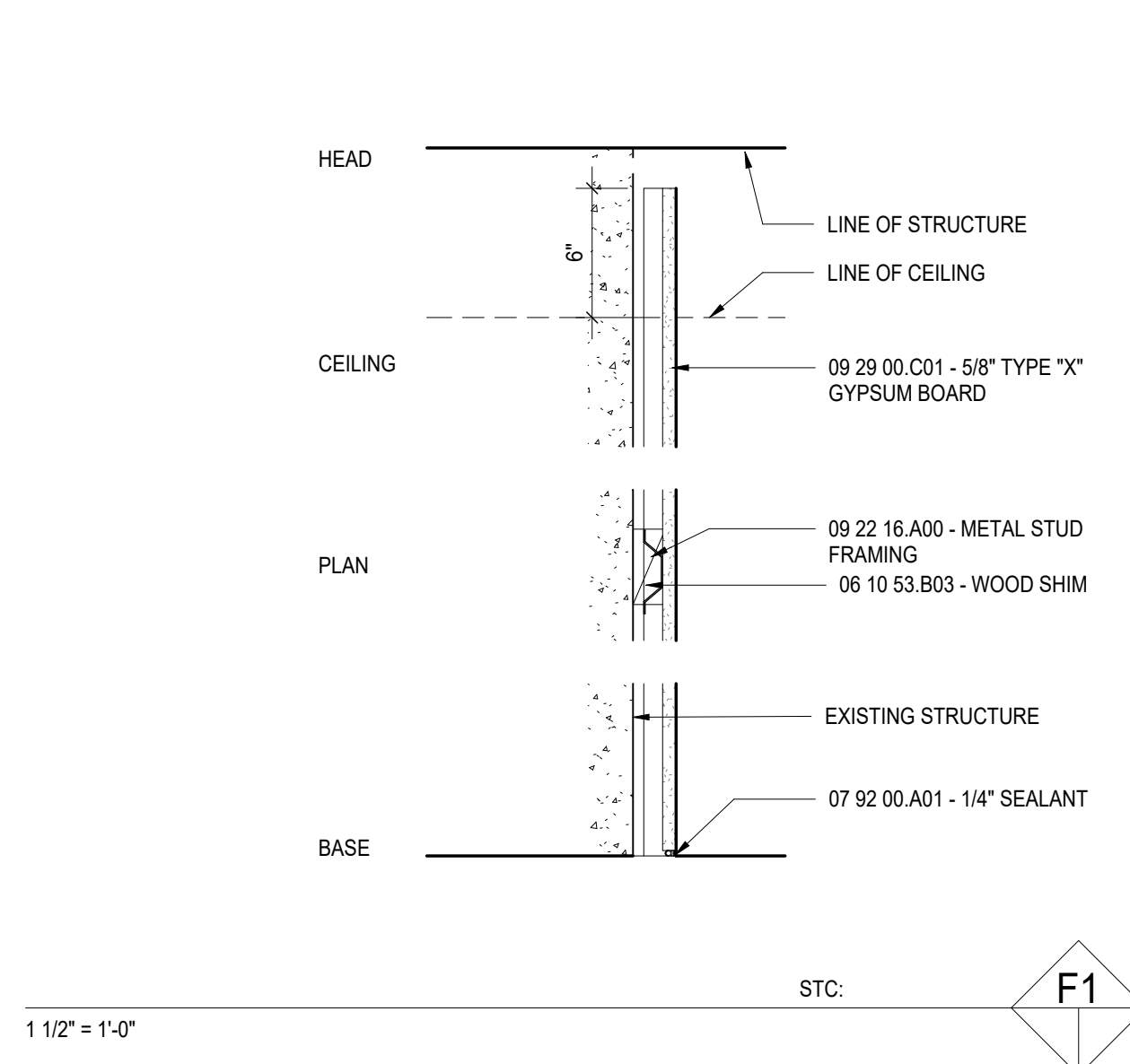
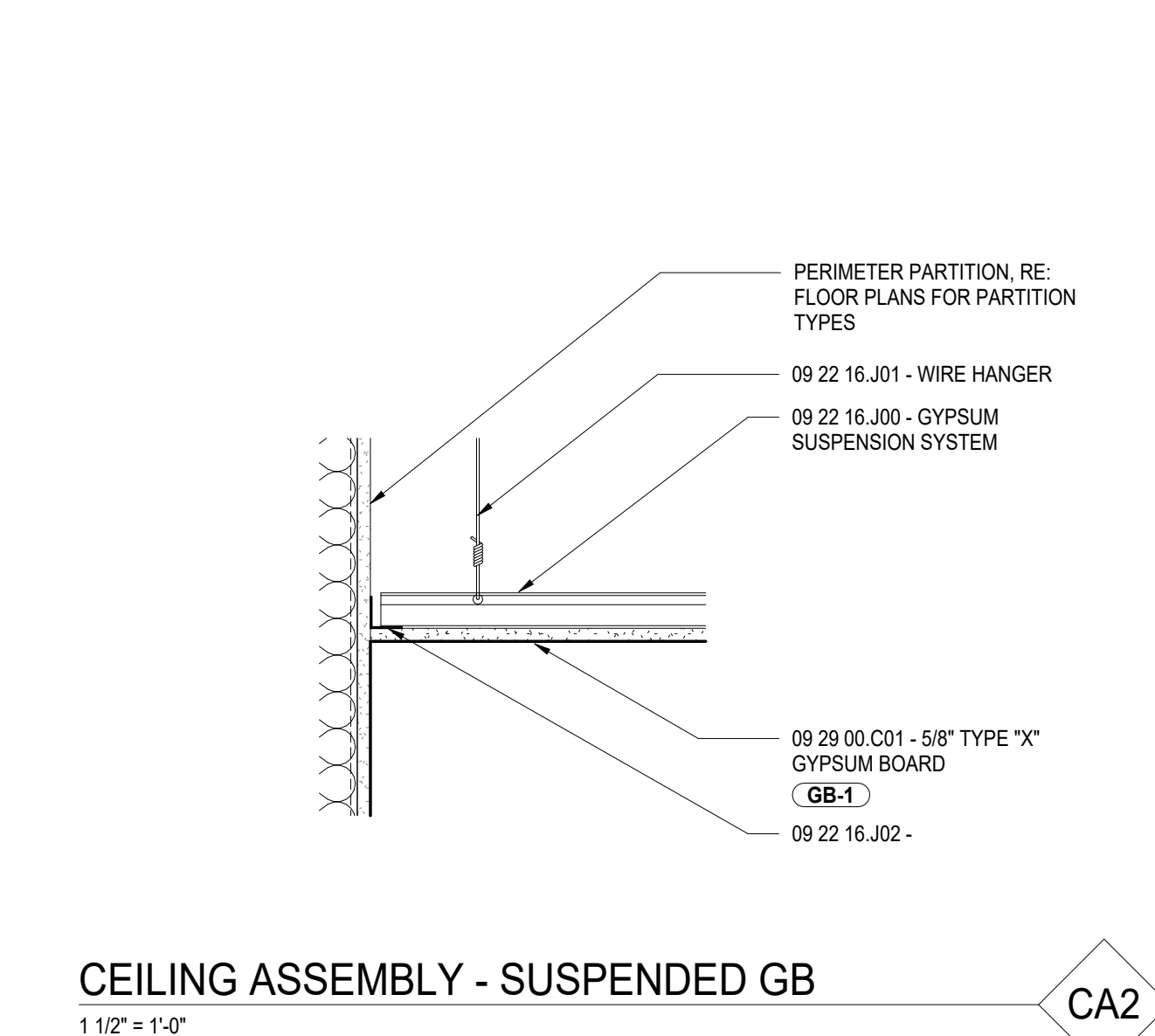
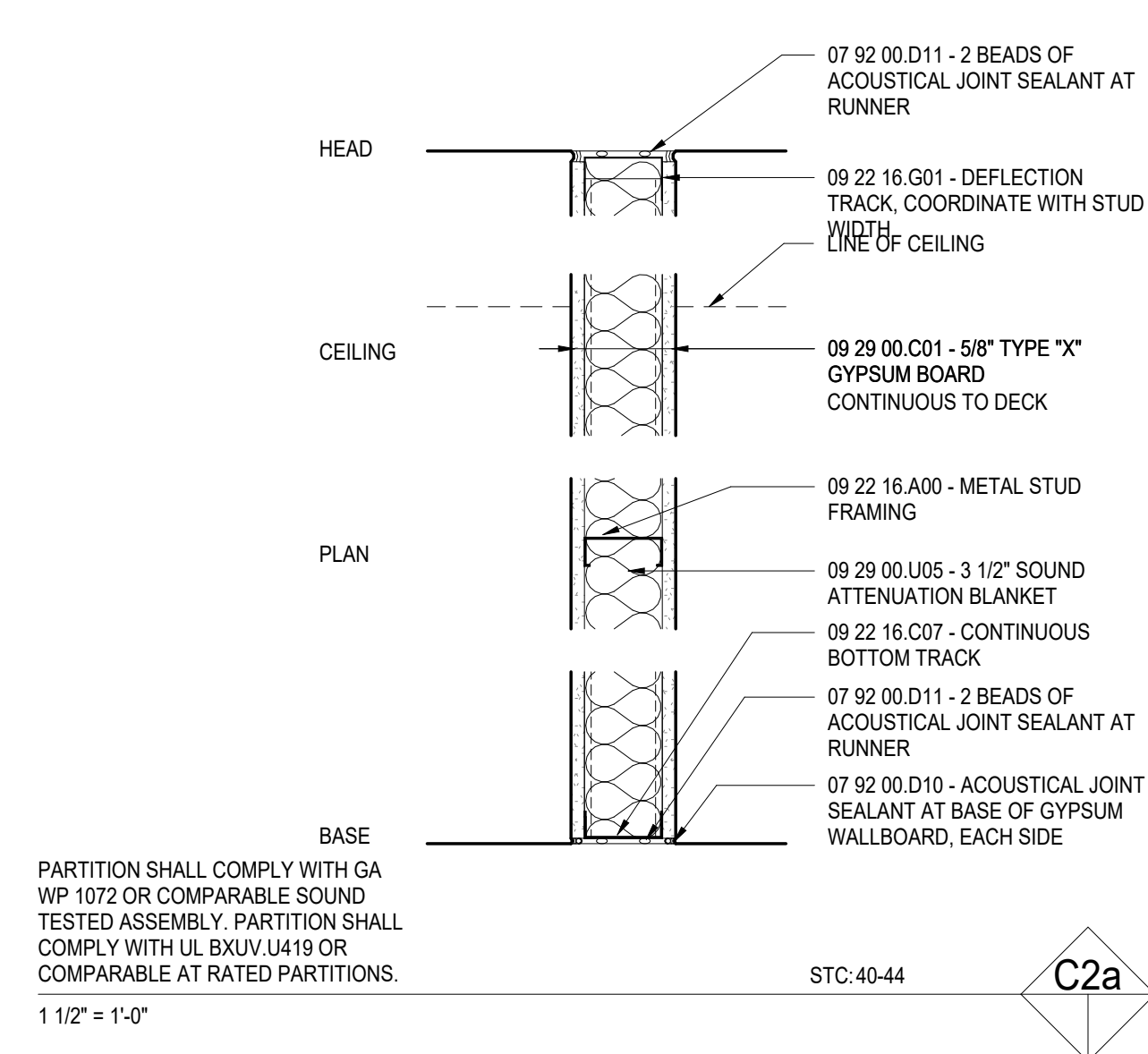
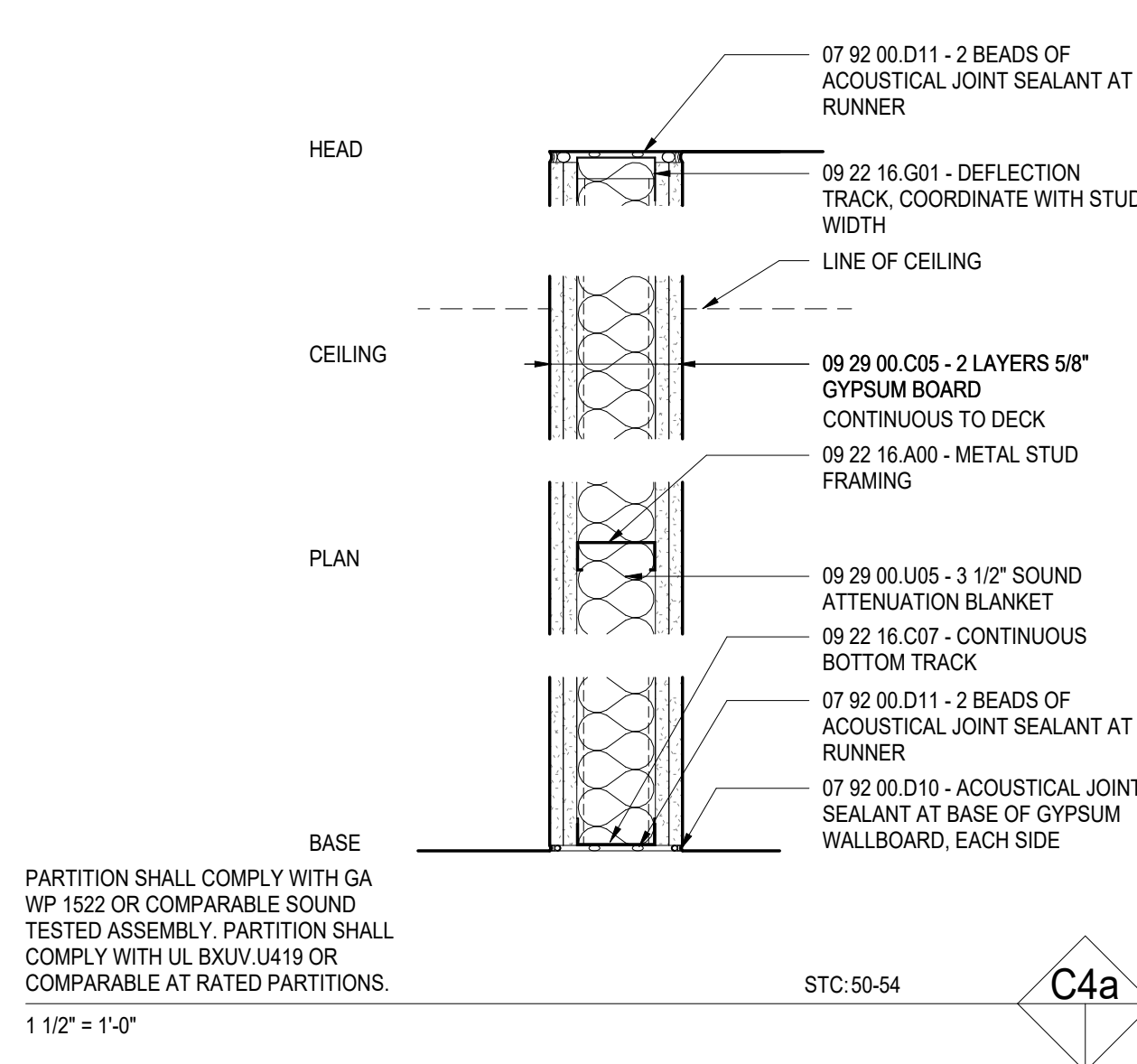
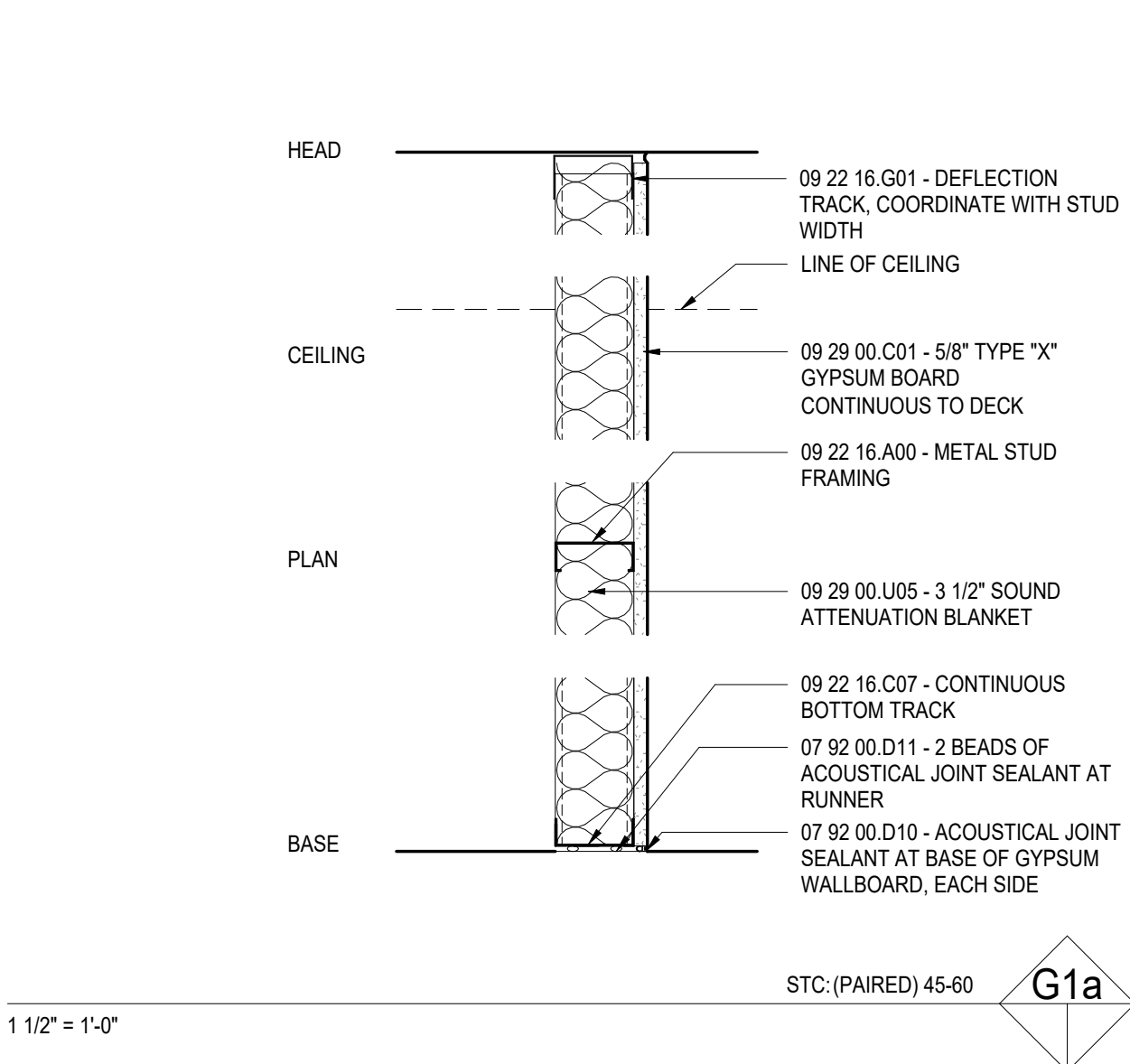
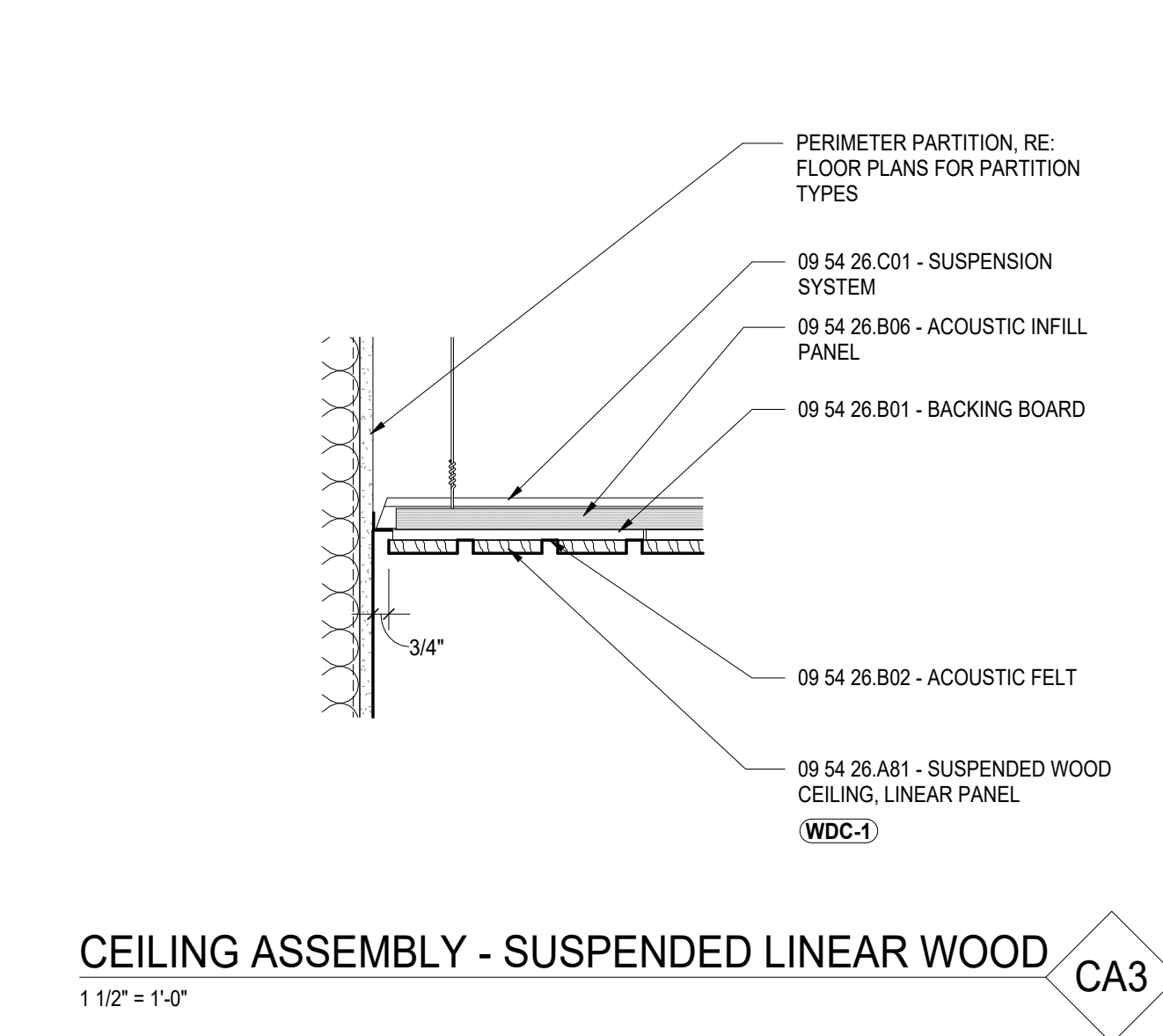
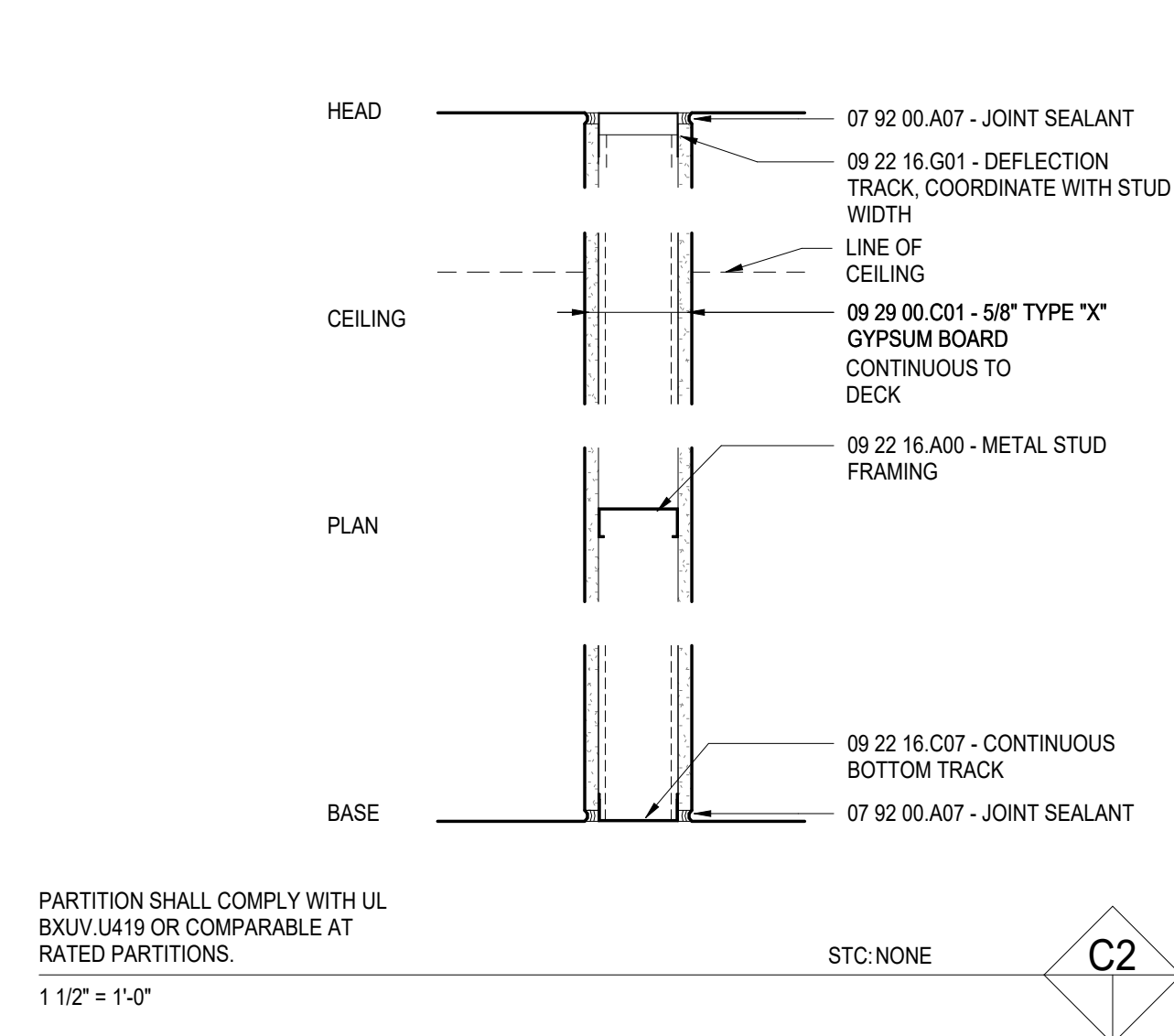
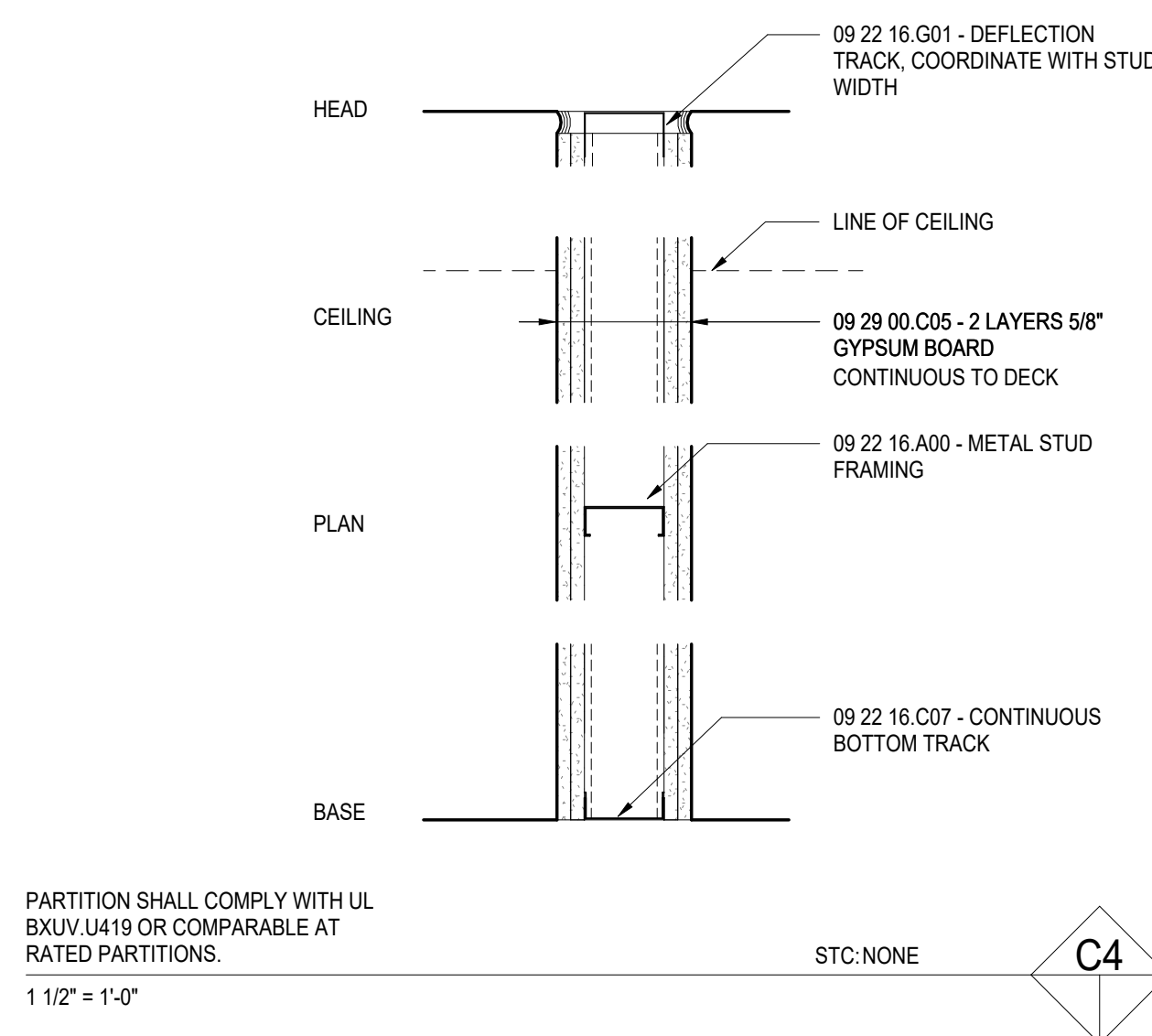
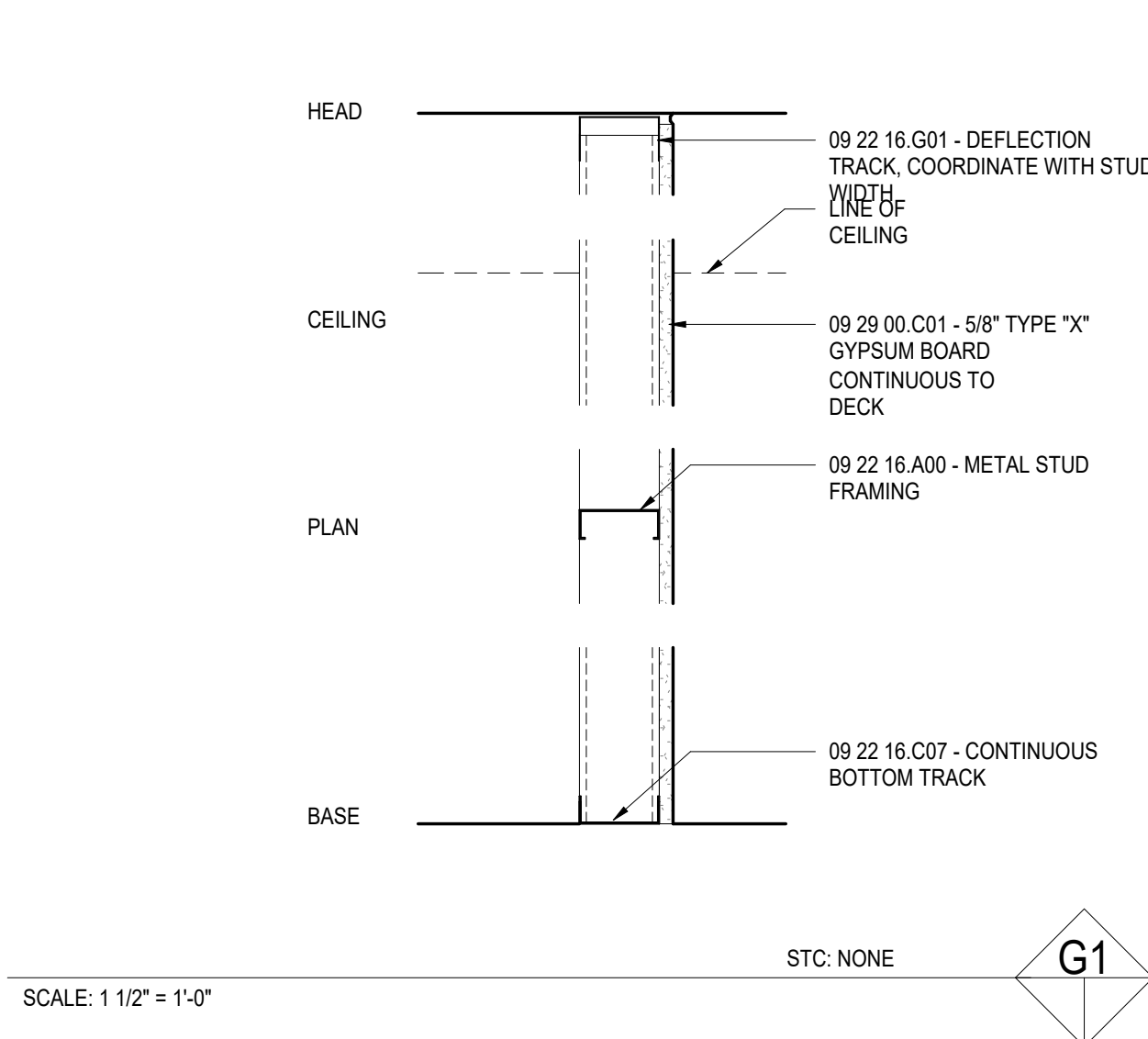
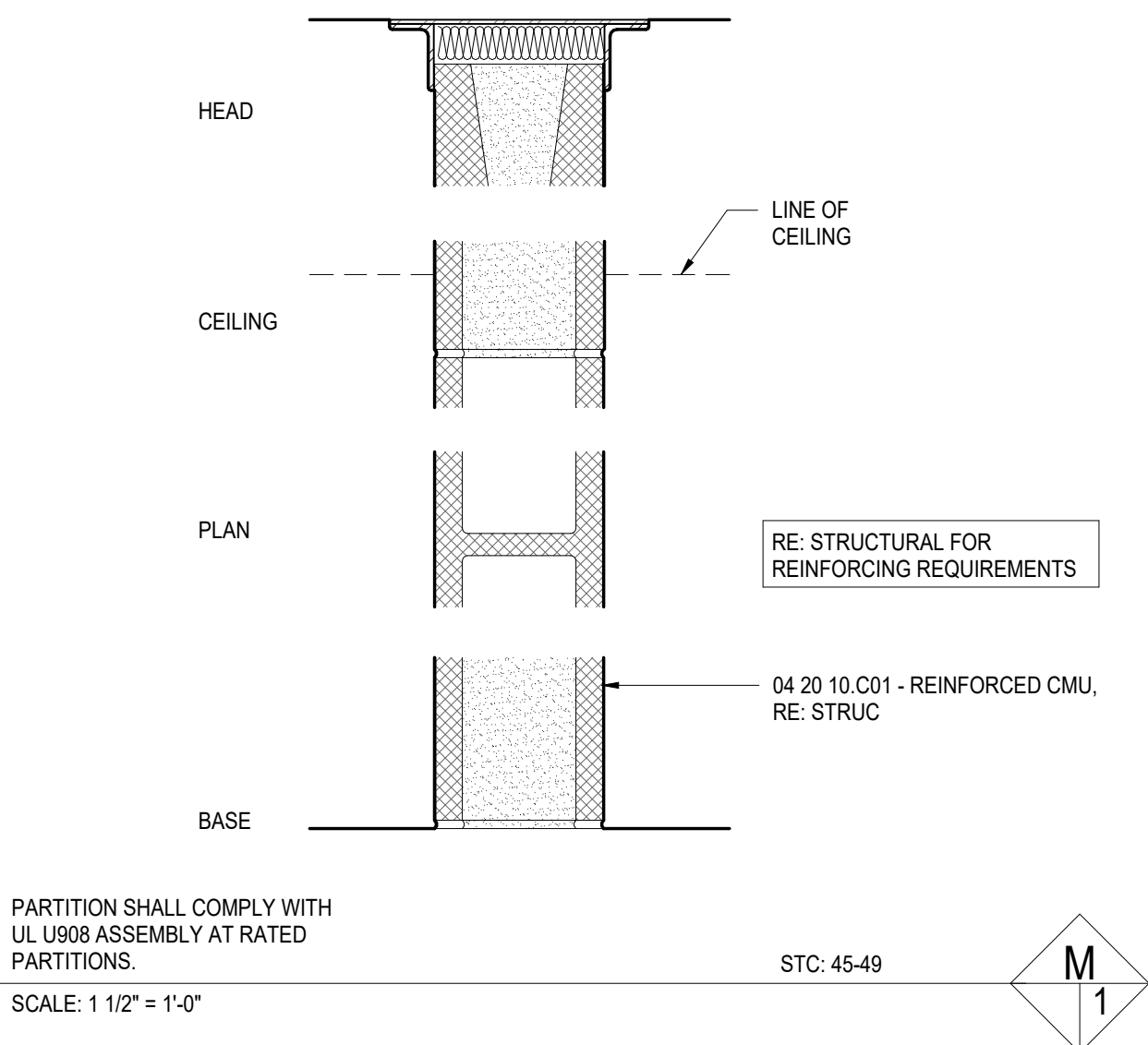
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INTERIOR ASSEMBLIES - PARTITIONS

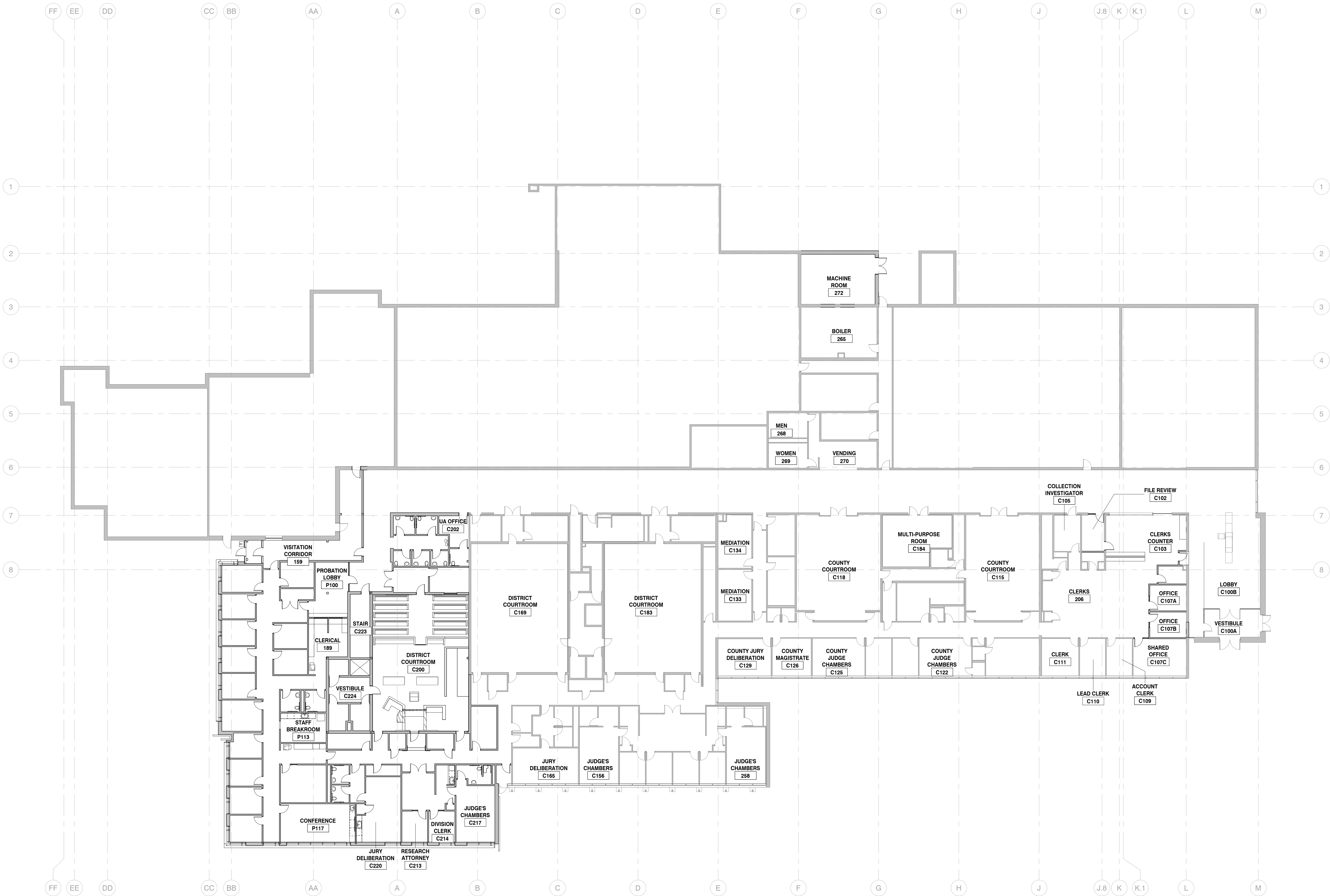
A-701



LEGEND - WALL TYPE TAG	
WALL ASSEMBLY TYPE: C2 = 2 SIDED GYP PARTITION, 2 LAYERS C3 = 2 SIDED GYP PARTITION, 3 LAYERS C4 = 2 SIDED GYP PARTITION, 4 LAYERS D4 = 2 SIDED, DOUBLE STUD LAYER GYP PARTITION, 4 LAYERS G1 = 1 SIDED GYP PARTITION, 1 LAYER S1 = GYP SHAFT WALL, 1 LAYER S2 = GYP SHAFT WALL, 2 LAYERS F1 = GYP FLOORING, 1 LAYER M - MASONRY WALL, RE: STRUC	HEAD CONDITION: NO LETTER = TO DECK a = ACOUSTIC TO DECK b = ACOUSTIC PARTITION STRUCTURE AND FINISH STOP AT 4" ABOVE CEILING c = PARTITION STRUCTURE AND FINISH STOP 4" ABOVE CEILING s = PARTITION FINISH STOPS 4" ABOVE CEILING, STRUCTURE TO DECK p = PARTIAL HEIGHT WALL
WALL STRUCTURE SIZE: H = 7/8" HAT CHANNELS 1 = 1 5/8" STEEL STUDS 2 = 2 1/2" STEEL STUDS 3 = 3 5/8" STEEL STUDS	4 = 4" CH STUDS 6 = 6" CH STUDS 6 = 6" STEEL STUDS 8 = 8" STEEL STUDS
GENERAL NOTES	

- REFER TO SPECIFICATIONS FOR LOCATIONS OF HOLD, MOISTURE RESISTANT AND CEMENTITIOUS BACKER UNITS.
- REFER TO SPECIFICATIONS FOR GYPSUM BOARD FINISH LEVELS AND LOCATIONS WHERE SPECIFIED LEVELS ARE REQUIRED. EXISTING GYPSUM BOARD TO REMAIN EXPOSED SHALL BE REPAIRED AND REFINISHED AS NECESSARY TO ACHIEVE FINISH LEVELS SPECIFIED.
- FOR FIRE-RESISTANCE RATED ASSEMBLIES PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE IN THE INDICATED TESTED ASSEMBLY OR PROVIDE ALTERNATE COMPARABLE TEST FOR REVIEW
- FOR FIRE-RESISTANCE RATED ASSEMBLIES REFER TO TYPICAL PARTITION DETAILS FOR TOP OF WALL CONDITIONS.

4/3/2028 2:29:03 PM



LEVEL 1 FLOOR PLAN

GENERAL NOTES

1. REFER TO CODE PLANS FOR RATED PARTITIONS.
2. REFER TO PRELIMINARY PROJECT DESCRIPTION FOR FURTHER INFORMATION.
3. OFO FURNITURE AND EQUIPMENT IS SHOWN IN GRAYTONE. FOR REFERENCE ONLY.
4. AT ALL NEW INTERIOR STOREFRONT, ASSUME HEIGHT OF 10'-0" U.O.N. PROVIDE ACOUSTIC PARTITION, INSTALLED TO DECK ABOVE STOREFRONT HEAD.
5. REFER TO EXTERIOR ELEVATIONS FOR ALL EXTERIOR GLAZING TYPES/SYSTEMS.
6. REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS ON SHEETS IN THE A-400 SERIES FOR INFORMATION REGARDING FINISHES AND CEILINGS.

LEGEND

- EXISTING WALL TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW TO REMAIN
- NEW WALL CONSTRUCTION

WORK NOTES

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LEVEL 1 FLOOR PLAN

M-101

MECHANICAL KEY NOTES

- M1 DEMO AIR DEVICES, BRANCH DUCTS, AND TERMINAL BOXES WITHIN THE REMODELED CLERKS AREA. DUCT LAYOUT TO BE RECONFIGURED TO SUPPORT THE NEW LAYOUT. PROVIDE NEW TERMINAL BOXES, DISTRIBUTION DUCTWORK, AND AIR DEVICES.
- M2 PROVIDE PRE-READS OF RTUS SERVING THIS SPACE.
- M3 MODIFY THE EXISTING FIRE PROTECTION SYSTEM LAYOUT AS REQUIRED TO ACCOMMODATE THE REVISED INTERIOR WALL LAYOUT.
- M4 EXISTING AIR BALANCE BETWEEN CLERKS COUNTER AND CORRIDOR TO BE INVESTIGATED - REPORT OF PAPERS BLOWING AWAY HAVE BEEN NOTED.

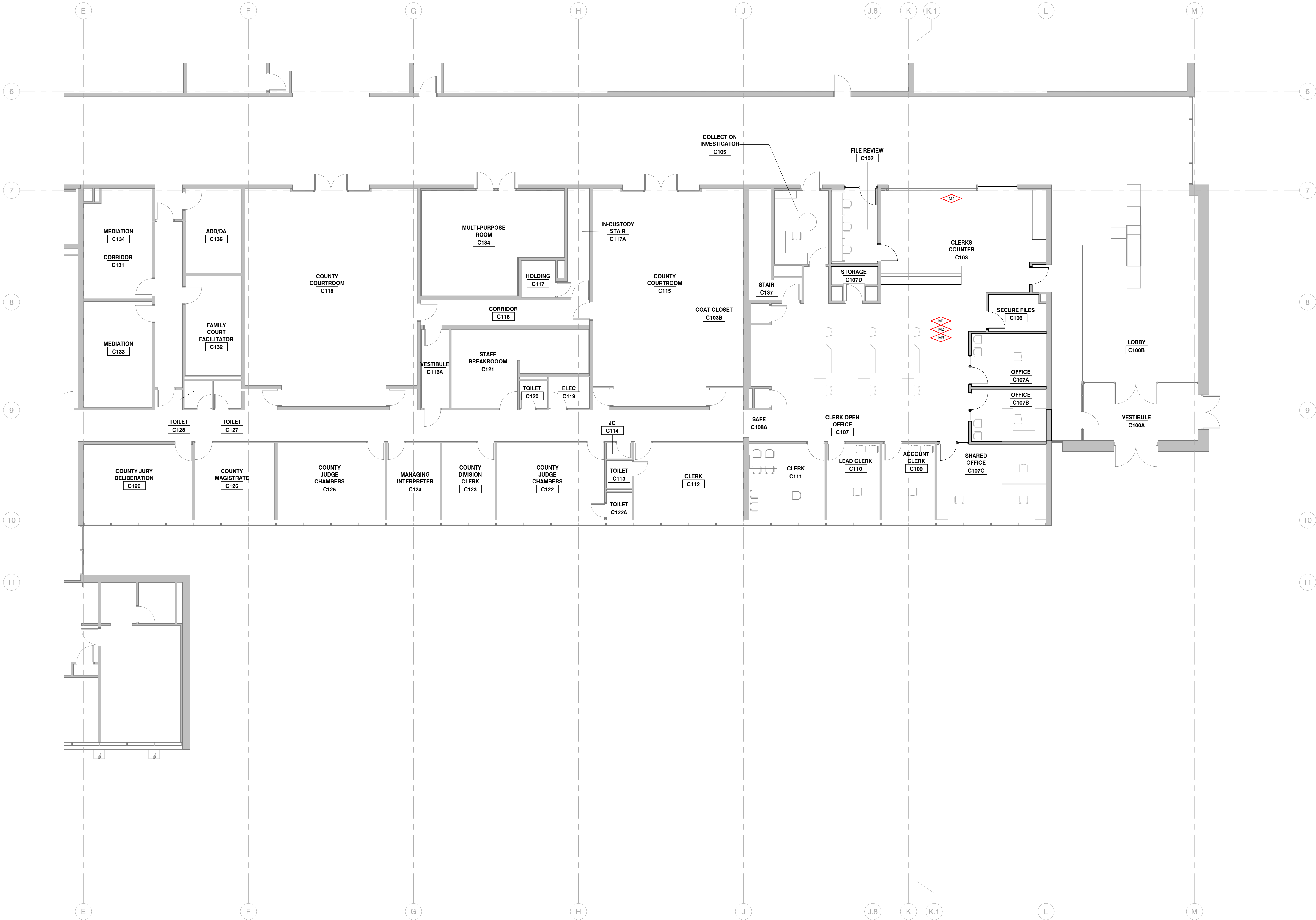
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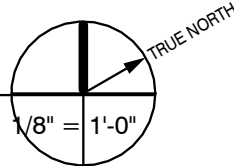
LEGEND

- EXISTING WALL TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW TO REMAIN
- NEW WALL CONSTRUCTION

WORK NOTES



LEVEL 1 FLOOR PLAN - EAST



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LEVEL 1 FLOOR PLAN - EAST

M-101A

MECHANICAL KEY NOTES

- M1 PROVIDE PRE-READS ON AHU-1. THE AREA OF REMODEL IS ANTICIPATED TO BE SERVED BY THE EXISTING AHU-1.
- M2 DEMO AND REPLACE ALL MECHANICAL SYSTEMS WITHIN THE AREA OF REMODEL.
- M3 PROVIDE NEW DUCT DISTRIBUTION AND TERMINAL BOXES FOR THE DISTRICT COURTROOM AND SUPPORT SPACES. CONNECT TO EXISTING AHU-1.
- M4 MODIFY THE EXISTING FIRE PROTECTION SYSTEM LAYOUT AS REQUIRED TO ACCOMMODATE THE REVISED LAYOUT WITHIN AREAS OF REMODEL. EXTEND THE FIRE PROTECTION SYSTEM TO THE EXPANSION AREA AND PROVIDE NEW DISTRIBUTION.
- M5 PROVIDE SPLIT SYSTEM FOR SUPPLEMENTAL COOLING IN ALL TECH, IT, AND ELECTRICAL ROOMS. TYPICAL.
- M6 CABINET UNIT HEATERS TO BE LOCATED IN ALL AREAS WITH EXTERIOR DOORS.
- M7 PROVIDE NEW RTU TO SERVE THE AREA OF BUILDING EXPANSION.
- M8 PROVIDE NEW GENERAL EXHAUST FAN AND DUCT SYSTEM.
- M9 PROVIDE NEW ROOF DRAIN AND OVERFLOW DRAINS ON NEW ROOF AREAS. RELOCATE EXISTING ROOF DRAIN LINES (TWO) THAT CURRENTLY ROUTE UNDER THE PROPOSED EXPANSION.
- M10 COURTROOM AIR DEVICES WILL BE COORDINATED WITH CEILING-MOUNTED RECORDING DEVICES.
- M11 PROVIDE SECURITY ANTI-LIGATURE AIR DEVICES AND FIRE SPRINKLER HEADS.

NOTE: FUTURE OPTION TO RENOVATE PROBATION AREA INTO AN ADDITIONAL COURT ROOM. MECHANICAL PIPING SYSTEM TO BE SIZED TO ACCOMMODATE THIS.



LEVEL 1 FLOOR PLAN - WEST

GENERAL NOTES

- REFER TO CODE PLANS FOR RATED PARTITIONS.
- REFER TO PRELIMINARY PROJECT DESCRIPTION FOR FURTHER INFORMATION.
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- REFER TO EXTERIOR ELEVATIONS FOR ALL EXTERIOR GLAZING TYPES/SYSTEMS.
- REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS ON SHEETS IN THE A-400 SERIES FOR INFORMATION REGARDING FINISHES AND CEILING.

LEGEND

- EXISTING WALL TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW TO REMAIN
- NEW WALL CONSTRUCTION

WORK NOTES

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NOT FOR CONSTRUCTION

SCHEMATIC DESIGN

10 APRIL 2026

LEVEL 1 FLOOR PLAN - WEST

M-101B

MECHANICAL KEY NOTES

NEW MECHANICAL ROOM TO HOUSE A NEW HEATING HOT WATER BOILER AND PUMPING SYSTEM IS INCLUDED FOR PRICING PURPOSES.

GENERAL NOTES

1. REFER TO CODE PLANS FOR RATED PARTITIONS.
2. REFER TO PRELIMINARY PROJECT DESCRIPTION FOR FURTHER INFORMATION.
3. OFO FURNITURE AND EQUIPMENT IS SHOWN IN GRAYTONE. FOR REFERENCE ONLY.
4. AT ALL NEW INTERIOR STOREFRONT, ASSUME HEIGHT OF 10'-0" U.O.N. PROVIDE ACOUSTIC PARTITION, INSTALLED TO DECK ABOVE STOREFRONT HEAD.
5. REFER TO EXTERIOR ELEVATIONS FOR ALL EXTERIOR GLAZING TYPES/SYSTEMS.
6. REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS ON SHEETS IN THE A-400 SERIES FOR INFORMATION REGARDING FINISHES AND CEILINGS.

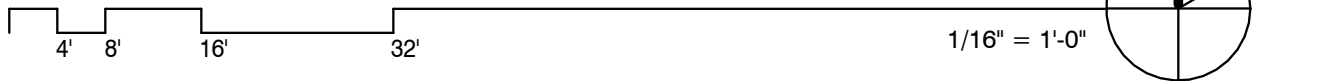
LEGEND

- EXISTING WALL TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW TO REMAIN
- NEW WALL CONSTRUCTION

WORK NOTES



LEVEL 2 FLOOR PLAN



Eagle County Justice Center

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25-041

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SCHEMATIC DESIGN

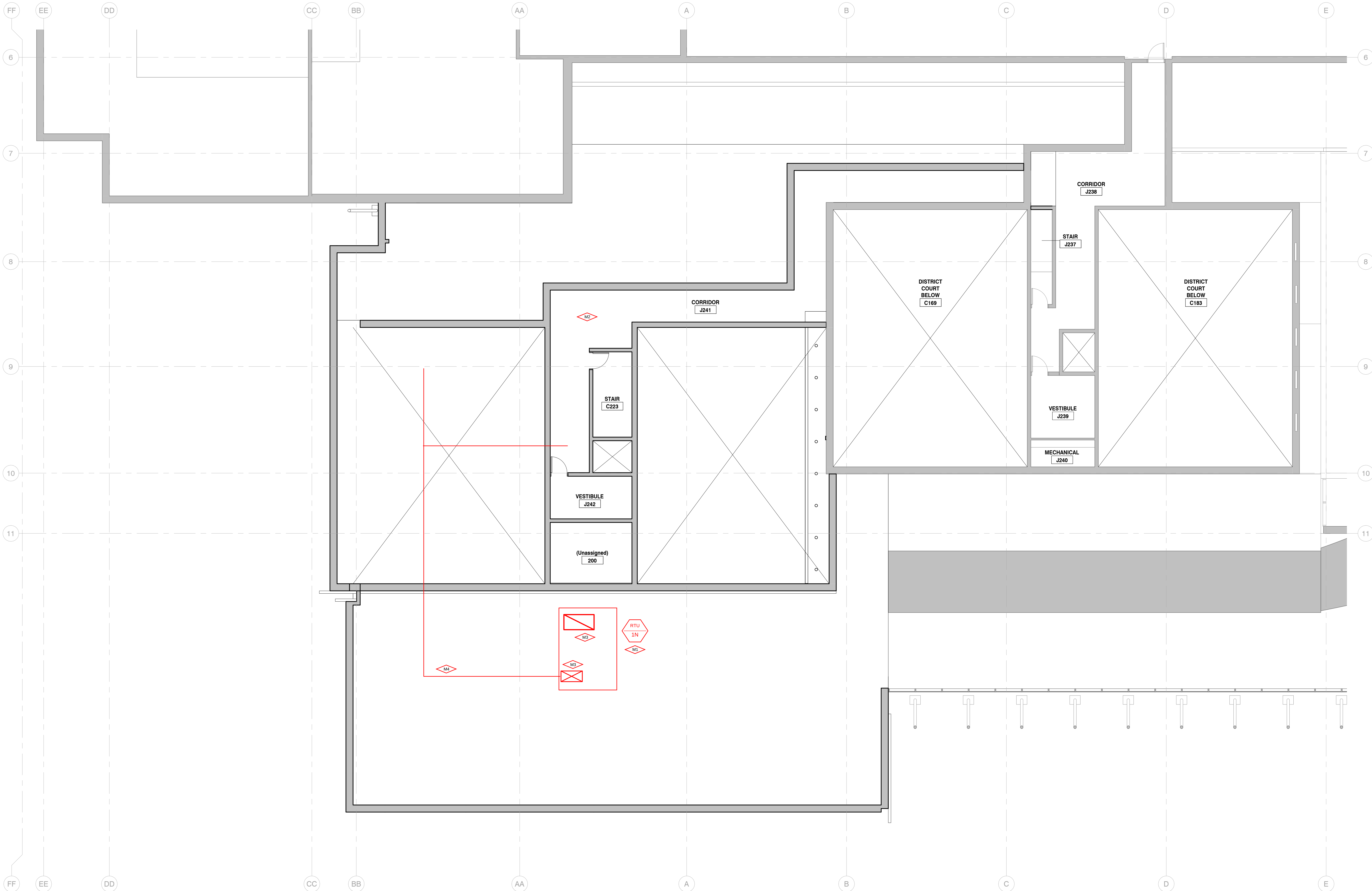
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LEVEL 2 FLOOR PLAN

M-102

MECHANICAL KEY NOTES

- M1 NEW RTU LOCATED ON LOW ROOF.
- M2 CORRIDOR IS CONDITIONED BY THE NEW RTU WITH A DEDICATED TERMINAL BOX.
- M3 SUPPLY AND RETURN DUCT MAINS DOWN TO L1 CEILING SPACE BELOW.
- M4 SUPPLY DUCT ON ROOF INTO COURTROOM CEILING SPACE, MATCH THE EXISTING APPROACH.



LEVEL 2 FLOOR PLAN - WEST

GENERAL NOTES

1. REFER TO CODE PLANS FOR RATED PARTITIONS.
2. REFER TO PRELIMINARY PROJECT DESCRIPTION FOR FURTHER INFORMATION.
3. ODO FURNITURE AND EQUIPMENT IS SHOWN IN GRAYTONE, FOR REFERENCE ONLY.
4. AT ALL NEW INTERIOR STOREFRONT, ASSUME HEIGHT OF 10'-0" U.O.N. PROVIDE ACOUSTIC PARTITION, INSTALLED TO DECK ABOVE STOREFRONT HEAD.
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LEGEND

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- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING WINDOW TO REMAIN
- NEW WALL CONSTRUCTION

WORK NOTES

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25-041

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SCHEMATIC DESIGN

10 APRIL 2026

LEVEL 2 FLOOR PLAN - WEST

M-102B

Preliminary Project Description

Date: 10 April 2026
Project #: 25-041
Project: Eagle County Justice Center

As defined by the Construction Specifications Institute, the emphasis of the Preliminary Project Description (PPD) is on describing the physical requirements of the project. It is organized to describe the various groupings of facility construction systems and components in a logical sequence from the ground up and from the outside in. This Preliminary Project Description follows the CSI UniFormat.

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Project Description

The project consists of an addition and renovation to the Eagle County Justice Center in Eagle, CO. Eagle County Justice Center will welcome a new county judge in 2026. To accommodate the increased judicial staff a 2-story addition will be added to the west end of the building and the existing Clerk's office will be renovated. To make space for the new courtroom, the existing probation offices on the west end of the building will be demolished. The program will consist of a courtroom, judicial chambers, support staff offices, jury deliberation room, holding area, conference room, probation offices, mechanical room, common areas and supporting restroom, break and print/copy/work areas will be added. The existing detainee corridor at Level 2 will be extended to connect to the added courtroom holding area. An in-custody stair and elevator will be added for vertical transportation of detainees. The clerk's area renovation will include new private offices, an enlarged clerk transaction counter and a revised staff entry point.

The site will be revised to add a secure parking lot for staff and elected officials. The west drive and curb cut will be revised and relocated to the west. The existing west parking lot and building entrance will be demolished. A new parking lot and west entrance will be located to the west of the addition. A new security fence will be provided, creating a secure yard including the new west parking lot, the sidewalk to the south entry, and the existing east parking lot. Also, a new hammerhead style truck turn-around area will be provided within the existing secured parking area north of the building.

A Substructure

A10 Foundations

A1010 – Standard Foundations

A1010.1030 – Deep Foundations - CIP

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- Concrete deep foundations (auger cast grout piles, concrete drilled piers or drilled micropiles) supporting grade beams.
- Concrete with 5,000 psi compressive strength (f'c)

A1010.XXXX – Grade Beams and stem walls – CIP

- 16" x 48" cast in place concrete grade beams spanning between deep foundations
- 8" stem walls at retained soil up to 6 feet above top of grade beam.
- Concrete with 5,000 psi compressive strength (f'c) with severe sulfate resistance

A40 Slabs-on-Grade

A4020 – Structural Slab-on-Grade

A4020.10 – Structural SOG - Reinforced

- 8" thick concrete structural slab-on-grade, reinforced, spanning between grade beams at the ground floor.
- Concrete with 4,000 psi compressive strength (f'c)

Specifications Required

03 30 00	Cast-in-Place Concrete
07 13 26	Self-Adhering Sheet Waterproofing
07 21 00	Thermal Insulation
31 63 29	Drilled Concrete Piers and Shafts
31 63 16	Auger Cast Grout Piles
31 63 33	Drilled Micropiles

B Shell

B10 Superstructure

B1010 – Floor Construction

B1010.1030 – Columns – Structural Steel

B1010.1515 – Floor Girders and Beams – Structural Steel

- Steel superstructure consisting of wide flange girders, steel joists, and columns with spray-fireproofing.

B1010.2030 – Composite Metal Deck with Concrete

- 4 ½" Composite concrete on 2" steel deck floor assemblies.

B1020 – Roof Construction

B1020.1030 – Roof Columns – Structural Steel

B1020.1515 – Roof Girders and Beams – Structural Steel.

- Steel superstructure consisting of wide flange girders, steel joists, and wide flange or HSS columns.

B1020.2035 – Roof Deck – Metal Deck Systems without Concrete

- Steel deck roof assemblies.

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Structural Specifications Required

05 12 00	Structural Steel
05 40 00	Cold-Formed Metal Framing
05 31 00	Steel Decking
05 21 00	Steel Joist Framing

B 2010 – Exterior Walls

- B2010.xxxx – Reinforced Concrete Masonry Unit Bearing Walls
- 8” to 12” reinforced concrete masonry unit bearing walls to support gravity and lateral loads on the structure.
- Masonry with compressive strength ($f'm$) = 2,000 psi

Structural Specifications Required

- 04 20 10 Reinforced Unit Masonry

B1080 – Stairs

B1080.1030 – Stairs - Metal

- Decorative metal stairs, with concrete-filled pans and decorative metal railing assemblies at Judge’s entry to Courtroom
- All other Stairs to be pre-engineered concrete filled metal pan stairs

B20 Exterior Vertical Enclosures

B2010 – Exterior Walls

B2010.10 – Exterior Wall Veneer

B2010.1030 – Stone Veneer Assembly

- Anchored stone veneer, cavity wall assembly: 4” Depth stone veneer (see heights / widths and masonry types listed below). Stone veneer shall be installed with air cavity and 3 inches polyisocyanurate insulation on fluid-applied air barrier over 8” reinforced CMU, and 5/8” type X, mold-resistant gypsum board, on interior furring studs, at interior face.

Anchored Stone Veneer Types

- (ST-1) Anchored Stone Veneer, 3 5/8” x 3 5/8” x varying lengths.
 - Varied lengths include: 35 5/8”, 23 5/8” and 15 5/8”
 - Basis of Design MFR: Indiana Limestone
 - Limestone Color: Variegated
 - Texture Finish: Smooth
- (ST-2) Anchored Stone Veneer, 3 5/8” x 3 5/8” x varying lengths.
 - Varied lengths include: 35 5/8”, 23 5/8” and 15 5/8”
 - Basis of Design MFR: Indiana Limestone
 - Limestone Color: Variegated
 - Texture Finish: Split-faced

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B2010.1040 – Curtain Wall

- Glazed aluminum curtain wall assemblies, thermally broken, captured 4 sides, with clear anodized finish. (Alternate – 3-coat custom Kynar finish).
- Glazing:
 - Provide 1 inch insulated glazing units with low-e coating on 2nd surface, and 2nd low-e coating on 4th surface.
 - Provide 1 inch spandrel insulated glazing units with low-e coating on 2nd surface and ceramic frit on 4th surface.

B2010.1540 – Storefront

- Aluminum-framed storefront, dual thermal breaks, with clear anodized finish. (Alternate – 3-coat custom Kynar finish).
- Glazing:
 - Provide 1 inch insulated glazing units with low-e coating on 2nd surface.
 - Provide 1 inch spandrel insulated glazing units with low-e coating on 2nd surface and ceramic frit on 4th surface.

B2010.1070 – Plates and Panels - Draining

- Metal composite material (MCM) wall panel assembly: Drained and back-ventilated cavity (DBVC) rainscreen wall panel system, installed with air cavity and 3 inches polyisocyanurate insulation on fluid-applied air barrier over 5/8" glass-mat gypsum sheathing on cold-formed metal framing, with 2 inches spray foam insulation in stud cavity, and 5/8" type X, mold-resistant gypsum board at interior face.

B2010.50 – Parapets

B2010.5030 – Metal Coping

B2010.5031 – Metal Gravel Stop and Drip Edging

- Aluminum copings, fascia and drip edging w/ 3-coat fluoropolymer finish.
- Provide at Metal composite material (MCM) wall panel assembly

B2010.740 – Cast Stone Wall Caps and Sill (PC-1)

- Provide at Anchored Stone Masonry Veneer (ST-1 & ST-2)

B2035 Exterior Equipment Screens

B2035.110 – Exterior Equipment Screens

- Roof Top Equipment Screen Wall Assembly: perforated corrugated metal panel, 40% open, on sub-girt cold formed metal framing on structural HSS steel posts and beam framing.
- Basis of Design:
 - (MP-3) Morin; a Kingspan Group Company: Exposed Fastener Metal Wall Panel
 - Exposed Fastener Series; C-29
 - Thickness: 0.040 inch Aluminum.
 - Perforations: 3/8" diameter holed space 9/16-inch O.C.

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- Open Area: 40 percent open area
- Surface: smooth, flat finish
- Exterior Finish: Metallic Fluoropolymer
- Color: Match (MP-2) Metal Panel

B2050 Exterior Doors and Grilles

B2050.10 – Exterior Entrance Doors

B2050.1010 – Metal Exterior Swinging Doors

- Exterior doors and frames to be Maximum-Duty, Hollow-Metal doors and frames, meeting ANSI/SI A250.8, Level 4, factory primed and field painted. Exterior doors to be insulated with polyurethane insulation with vertical steel stiffeners.

B2050.2010 – Metal Framed Entrances - Swinging

- Heavy-duty exterior aluminum-framed entrance doors in storefront frames, with 1” insulated glazing units to match adjacent assemblies. Clear anodized finish (Alternate – 3-coat custom Kynar finish).

B2070 – Exterior Louvers and Vents

B2070.10 – Exterior Louvers

- Horizontal drainable-blade louver, extruded aluminum. Clear anodized finish (Alternate – 3-coat custom Kynar finish)

B30 Exterior Horizontal Enclosures

B3010 - Roofing

B3010.50 – Low-Slope Roofing

B3010.5030 – Roofing – Single Ply Membrane Systems – TPO

- Fully adhered, 115 mil fabric-backed TPO roofing membrane (60 mil membrane, 55 mil fleece) over cover board, polyisocyanurate foam board insulation and 5/8” type X gypsum substrate board. Mechanically fasten substrate board and first layer of insulation. Upper layer of insulation and cover board to be adhered. Roofing system to meet UL Class A and FM Global I-90, very severe hail (VSH) requirements. (Alternate 80 mil membrane). Provide 20-year warranty.
- White

B3020 – Roof Appurtenances

B3020.1010 – Roof Curbs Hatches Vents and Supports

- 30 by 36 inches single-leaf roof hatch, with 3” foil-faced polyisocyanurate insulation and 12” curb. Aluminum with powder-coat finish. Provide safety railing system and ladder-assist post.

B3020.1020 – Roof Ladder

- Steel ladder to roof hatch.
- Steel ladder from low roof to high roof at courtrooms.

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B3060 – Horizontal Openings

B3060.1025 – Metal Framed Skylights

- Metal-framed skylights.
- Provide repair and partial replacement of existing metal-framed skylights as needed at connection from existing to new roof. Existing skylights are a Kalwall type of product.
- Solartubes are added to existing courtroom

B3080 – Overhead Exterior Enclosures

B3080.20 – Exterior Soffits

- Interlocking metal panel exterior soffits.

Specifications Required

03 30 00	Cast-in-Place Concrete
04 20 00	Unit Masonry
04 20 10	Reinforced Unit Masonry
0 443 13.13	Anchored Stone Masonry Veneer
04 72 00	Cast Stone Masonry
05 12 00	Structural Metal Framing
05 30 00	Metal Decking
05 40 00	Cold-formed Metal Framing
05 50 00	Metal Fabrications
05 51 13	Metal Pan Stairs
05 52 13	Pipe and Tube Railings
05 71 00	Decorative Metal Stairs
05 73 00	Decorative Metal Railings
06 10 53	Miscellaneous Rough Carpentry
06 16 00	Sheathing
07 11 13	Bituminous Dampproofing
07 13 26	Self-Adhering Sheet Waterproofing
07 21 00	Thermal Insulation
07 21 19	Foamed-In-Place Insulation
07 27 26	Fluid-Applied Membrane Air Barriers
07 42 13.13	Formed Metal Wall Panels
07 42 13.23	Metal Composite Material Wall Panels
07 42 93	Soffit Panels
07 54 23	Thermoplastic-Polyolefin (TPO) Roofing
07 62 00	Sheet Metal Flashing and Trim
07 72 00	Roof Accessories
07 81 00	Applied Fireproofing
07 84 13	Penetration Fire Protection
07 84 43	Joint Firestopping
07 92 00	Joint Sealants
07 95 13.13	Interior Expansion Joint Cover Assemblies
07 95 13.16	Exterior Expansion Joint Cover Assemblies
08 11 13	Hollow Metal Doors and Frames
08 41 13	Aluminum-Framed Entrances and Storefronts
08 44 13	Glazed Aluminum Curtain Walls

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08 63 00	Metal-Framed Skylights
08 71 00	Door Hardware
08 80 00	Glazing
08 88 53	Security Glazing
08 91 19	Fixed Louvers
09 22 16	Non-Structural Metal Framing
09 29 00	Gypsum Board
09 96 00	High Performance Coatings

C Interiors

Program Spaces

C10 Interior Construction

C1010 – Interior Partitions

C1010.1045 – Partitions – Metal Stud with Gypsum Board

- STC 55-60 partition: (2) 3 5/8" (or 6" as needed) metal studs with air-gap between, (4) total layers of 5/8" gypsum board, 3 1/2" sound attenuation blanket in each set of studs, to deck.
- STC 50-54 partitions: 3 5/8" (or 6" as needed) metal studs, (4) total layers of 5/8" gypsum board, 3 1/2" sound attenuation blanket, to deck.
- STC 45-49 partitions: 3 5/8" (or 6" as needed) metal studs, (3) total layers of 5/8" gypsum board, 3 1/2" sound attenuation blanket, to deck.
- STC 40-44 partitions (total): 3 5/8" (or 6" as needed) metal studs, (2) total layers of 5/8" gypsum board, 3 1/2" sound attenuation blanket, to deck.

C1010.1048 – Partitions – Shaft Walls

- Elevator core requires 1 hour rated shaft wall

C1010.700 – Interior Windows and Storefronts (ISF)

- All interior glazing to be vertical butt glazed Interior storefront with 1/2" laminated clear glazing. Typical unless otherwise noted
 - Typical Height 8'-0" (match adjacent door height)
 - Re: drawings for Interior Storefront locations
 - Provide partial height translucent privacy film, starting at 1'-0" AFF up to 6'-0" AFF at all interior glazing locations (i.e. offices, meeting rooms, conference rooms, etc.) except at the following: transaction windows and counters.
- Interior glazing at locations (not identified as vertical butt glazing) provide with hollow metal frames with vertical butt glazing between panels of glass for longer expanses. 1/2" laminated clear glazing. Typical unless otherwise noted
 - Typical Height 8'-0" to match adjacent doors
 - Re: drawings for Interior Hollow Metal Storefront locations
 - Provide partial height translucent privacy film, starting at 1'-0" AFF up to 6'-0" AFF at all interior glazing locations (i.e. offices,

meeting rooms, conference rooms, etc.) except at the following:
transaction windows and counters.

C1010730 – Interior Security Windows – Ballistic Glazing (SG-1)

- Locate at Probation transaction window, re: drawings
- Basis of Design: Total Security Solution: LP 1250 1 ¼” All Poly
- Laminated-Polycarbonate Security Glazing
 - Forced-Entry Resistance: Level IV; HPW-TP-0500.01
 - Ballistic Resistance: Level 3; UL 752

C1010.900 – Miscellaneous Wall Components (re: drawings for locations)

- Bullet Resistant Panels located within the following wall / partition assemblies:
 - Probation Lobby, below transaction window.
 - Basis of Design ArmorCore; Bullet Resistant Fiberglass, UL752 Level 3.

C1030 Interior Doors**C1030.1019 – Interior Doors – Wood Flush Solid-Core**

- At all interior doors unless noted otherwise. 7’-10” tall.
- Factory-applied primer, with field-applied paint finish at frames.
- Provide interior glazing sidelights at all private offices and where indicated on drawings

C1030.20 – Interior Entrance Doors**C1030.80 – Interior Access Doors and Panels****C1070 – Suspended Ceiling Construction****C1070.1010 – Suspended Ceilings – Acoustical Panel**

- (APC-1) 2’x3’ mineral fiber ceiling tile, with square tegular panel edge and 9/16” T-grid. Private offices, corridors and storage rooms.
 - Basis of Design: Certainteed, Symphony f
- (APC-2) 2’x4’ mineral fiber ceiling tile, with square tegular panel edge and 9/16” T-grid. Conference rooms, Jury Deliberation and Judge’s Chambers.
 - Basis of Design: Certainteed, Symphony f

C1070.2020 – Suspended Ceilings – Gypsum Board

- Provide suspended gypsum ceiling at all restrooms, breakrooms and entry thresholds.
- Epoxy paint at gypsum ceilings and walls in restroom areas.

C1080 – Framed Ceiling Construction**C1080.1010 – Ceiling Components – Drywall**

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- Provide framed drywall soffits above casework, at print/copy workstations, breakrooms, conference rooms and kitchenettes.

C1090 – Interior Specialties

C1090.40 – Toilet, Bath & Laundry Accessories

C20 Interior Finishes

C2010 – Wall Finishes

C2010.1050 – Wall Finishes – Tile

- Provide full height wall tile at all restrooms and showers.
- Basis of Design: Ergon Stone Project White Falda Natural 12” x24” , stacked bond

C2010.2010 – Wall Paneling – Wood Paneling

- Provide full height flush wood wall paneling at Judge’s Chambers as indicated on drawings.

C2010.7010 – Wall Finishes – Paint

C2010.7092 – Exposed Spray-Applied Fireproofing

C2030 – Flooring

C2030.20 – Tile Flooring

- Provide tile flooring at all restrooms.
- Provide coved metal transition trim where wall tile meets floor tile.
- Basis of Design: Ergon Stone Project White Falda Natural 12” x24” , stacked bond

C2030.5040 – Flooring – VCT

- Provide VCT flooring at all break rooms and kitchenettes.

C2030.75 – Carpeting

- (CPT-1): Circulation, open office, Private Office– assume higher quality, long durability carpet.
 - Basis of Design: Mowhawk ‘Academic View’ BT433, Color: 924 Platinum, Pattern Monolithic
- (CPT-2): At conference rooms & Jury Deliberation, assume highest quality, longest durability carpet
 - Basis of Design: Mannington ‘Magnify’, Color: Authenticity 13002, Pattern: Ashlar
- (CPT-3): Accent Carpet in Selected Areas use in open office spaces and all other miscellaneous spaces
- (EFC-1) Entry Walk Off Carpet (EFC-1) located at vestibules and entries

C3020610 – Rubber Base

- Provide rubber base throughout at all drywall partitions.
- Omit where CMU partitions meet polished concrete floor

C2050 – Ceiling Finishes

C2050.7010 – Ceiling Finishes - Paint

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Refer to Part E for Equipment and Furnishings**E2010.20 – Window Treatments****E2010.2020 – Window Treatments – Roller Shades****E2010.30 – Casework****E2010.3010 – Cabinets****E2010.3050 Plastic Laminate Counters****Public Spaces (Courtroom)****C10 Interior Construction****C1010 – Interior Partitions****C1010.1045 – Partitions – Metal Stud with Gypsum Board**

- STC 55-60 partition: (2) 3 5/8" (or 6" as needed) metal studs with air-gap between, (4) total layers of 5/8" gypsum board, 3 1/2" sound attenuation blanket in each set of studs, to deck.
- STC 50-54 partitions: 3 5/8" (or 6" as needed) metal studs, (4) total layers of 5/8" gypsum board, 3 1/2" sound attenuation blanket, to deck.
- STC 45-49 partitions: 3 5/8" (or 6" as needed) metal studs, (3) total layers of 5/8" gypsum board, 3 1/2" sound attenuation blanket, to deck.
- STC 40-44 partitions (total): 3 5/8" (or 6" as needed) metal studs, (2) total layers of 5/8" gypsum board, 3 1/2" sound attenuation blanket, to deck.

C1010.900 – Miscellaneous Wall Components (re: drawings for locations)

- Bullet Resistant Panels located within the following wall / partition assemblies:
 - Courtrooms within Dias partial walls behind custom millwork.
 - Basis of Design ArmorCore; Bullet Resistant Fiberglass, UL752 Level 3.

C1030 Interior Doors**C1030.1010 – Interior Doors – Hollow Metal****C1030.1019 – Interior Doors – Wood Flush Solid-Core**

- At all interior courtroom doors unless noted otherwise. 8'-10" tall.
- Factory-applied primer, with field-applied paint finish at frames.
- Provide interior glazing lite panel at primary courtroom entrance doors.

C1020310 – Detention Doors and Frames – Interior

- Specialty Security Doors at Holding Cells
- Holding Cell doors to be 7'-0" tall.
- Factory-applied primer, with field-applied paint finish at frames.
- Full security door hardware system provided by MFR (door, frame, Hardware)
- Basis of Design: Titan Steel Door- in CMU partition

C1070 – Suspended Ceiling Construction**C1070.1010 – Suspended Ceilings – Acoustical Panel**

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- (APC-2) 2'x4' mineral fiber ceiling tile, with square tegular panel edge and 9/16" T-grid. Conference rooms, Jury Deliberation and Judge's Chambers.
 - Basis of Design: Certainteed, Symphony f

C1070.2020 – Suspended Ceilings – Gypsum Board

- Provide suspended gypsum ceiling at perimeter of courtroom, as indicated on drawings.

C20 Interior Finishes

C2010 – Wall Finishes

C2010.7010 – Wall Finishes – Paint

C2010.2010 – Wall Paneling – Wood Paneling

- Provide full height flush wood wall paneling at Courtroom as indicated on drawings.

C2010.900 – Sounding Absorbing Wall Panels

- (SAP-1) Basis of Design Filz Felt – Pattern: Rill, Color: a Courtroom walls
 - Partial height, see interior elevation

C2030 – Flooring

C2030.10 – Flooring Treatment

C2030.75 – Carpeting

- (CPT-2): At conference rooms & Jury Deliberation, assume highest quality, longest durability carpet
 - Basis of Design: Mannington 'Magnify', Color: Authenticity 13002, Pattern: Ashlar

C2050 – Ceiling Finishes

C2050.7010 – Ceiling Finishes - Paint

Refer to Part E for Equipment and Furnishings

E2010.20 – Window Treatments

E2010.2020 – Window Treatments – Roller Shades

E2010.30 – Casework

E2010.3010 – Cabinets

E2010.3050 Plastic Laminate Counters

Service Spaces

C10 Interior Construction

C1010 – Interior Partitions

C1010.1045 – Partitions – Metal Stud with Gypsum Board

C1010.1048 – Partitions – Shaft Walls

C1010.1060 – Partitions – Wire Mesh Partitions

C1030 Interior Doors

C1030.1010 – Interior Doors – Hollow Metal

- At all spaces unless otherwise noted, 7'-10" tall.

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C20 Interior Finishes

C2010 – Wall Finishes

C2010.7010 – Wall Finishes – Paint

C2010.7092 – Exposed Spray-Applied Fireproofing

C2030 – Flooring

C2030.10 – Flooring Treatment

C2030.35 – Concrete Flooring

- Provide sealed concrete floors.

C2030.7020 – Fluid Applied Flooring

C2050 – Ceiling Finishes

C2050.7010 – Ceiling Finishes – Paint

- General service spaces with sealed-concrete floors, typical metal-framed gypsum board partitions, wire-mesh partitions in basement, exposed-structure ceilings.
- Mechanical penthouse with trowel-applied multi-layer waterproof flooring, gypsum board clad exterior walls and exposed structure ceiling.

Specifications Required

04 20 00	Uni Masonry
05 50 00	Metal Fabrications
06 10 53	Miscellaneous Rough Carpentry
06 42 16	Flush Wood Paneling
07 81 00	Applied Fireproofing
07 84 13	Penetration Firestopping
07 84 43	Joint Firestopping
07 92 00	Joint Sealants
08 11 13	Hollow Metal Doors and Frames
08 14 16	Flush Wood Doors
08 31 13	Access Doors and Frames
08 41 26.23	Interior All-Glass Entrances
08 56 53	Security Windows
08 71 00	Door Hardware
08 80 00	Glazing
08 87 00	Window Film
08 88 53	Security Glazing
09 05 61.13	Moisture Vapor Emission Control
09 21 16.23	Gypsum Board Shaft Wall Assemblies
09 22 16	Non-Structural Metal Framing
09 29 00	Gypsum Board
09 30 13	Ceramic Tiling
09 51 13	Acoustical Panel Ceilings
09 65 13	Resilient Base and Accessories
09 65 19	Resilient Tile Flooring
09 67 23	Resinous Flooring
09 68 13	Tile Carpeting

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09 69 33	Low-Profile Fixed Height Access Flooring
09 84 33	Sound-Absorbing Wall Units
09 91 23	Interior Painting
10 21 13.14	Stainless-Steel Toilet Compartments
10 26 41	Bullet Resistant Panels
10 28 00	Toilet and Bath Accessories
11 19 53	Detention Hardware
11 98 12	Detention Doors and Frames

D Services

D10 Conveying

D1010 – Vertical Conveying Systems

D1010.1020 – Elevators – Traction Machine Room-Less

- (1) Machine-roomless passenger elevator for in-custody circulation.

D20 Plumbing

D2010 – Domestic Water Distribution

D2010.00 – Existing Plumbing Systems

- The existing plumbing system provides domestic cold water and domestic hot water. Domestic hot water is generated by two semi-instantaneous gas hot water heaters, located in the Boiler Room, and distributed in a hot water recirculation loop throughout the building. Sanitary waste connects to the city waste system, after flowing through sewage grinder vaults on the detention facility portion of the building. The storm system includes a primary and secondary drain system. The secondary overflow systems daylight to lamb's tongues on the exterior of the building.

D2010.20 – Domestic Water Equipment

- Plumbing insulation.
 - Insulation shall be in accordance with the International Energy Conservation Code; currently adopted version.
 - Insulate the following storm drainage systems:
 - Overflow drain bodies and the first 10ft of overflow drain piping.
 - Roof drain bodies and all horizontal primary roof drain piping, including elbows up to roof drain and down to storm drain riser. Provide minimum of 30ft of insulation length if vertical riser drop is close to the roof drain.
- Extend the existing domestic water system to expansion areas. Design team to analyze distribution pipe sizes.
- New domestic water requirements are as follows:
 - Domestic Water Demand: 24 GPM
 - Domestic Water Size: 2"
 - Domestic Hot Water Demand: 10 GPM

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- Resulting Hot Water Pipe Size: 1-1/4"
- Preliminary Fixture Unit (FU) Count:
 - 134 Cold Water FU and 24 Hot Water FU for a total of 143 FU
 - Waste total approximation = 61 DFU
- Domestic water requirements will be analyzed to ensure the existing tap is adequate.
- Water distribution piping standards
 - Material for domestic water piping will be Type L copper. Pressed fittings are acceptable when installed per specifications.
 - Provide interior hose bibbs for washdown. Janitor's closets need to be provided with a Y at the faucet to allow this. Additional roof hydrants provided at all rooftop unit locations.
 - Domestic water piping standards:

Pipe Sizing	Maximum Velocity (FPS)
Hot Water (Below 140°F)	4
Hot Water (140°F and higher)	2
Hot Water Circ. Piping	2
Cold Water	5
Tempered/Tepid Water	4

- Tempered Water = 85°F - 110°F as defined by IPC
- Tepid Water = 60°F - 100°F as defined by ANSI. Tepid Water is required to Emergency Showers and Eyewashes.
- Do not run piping over electrical, telecom, or security electronics rooms.

D2010.2020 – Commercial Water Heater

- Based on a preliminary capacity review, the existing domestic hot water system appears to have sufficient capacity to serve the proposed additional load. Final capacity shall be confirmed based on the existing connected demand, required temperature rise, and water heater performance characteristics.
- If a new water heater is needed, it will be a heat pump type or resistive type electric water heater with supplemental storage will be used to provide domestic hot water to the facility.

D2010.60 - Plumbing Fixtures

- Water Conservation: All plumbing fixtures shall be of a water conservative design (Watersense). Provide as a minimum devices to restrict water flow as follows:
 - Lavatory
 - Sink
 - Mop Sink

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- Water Closets (siphon jet)
 - Urinals (siphon jet)
 - Shower Heads
 - Water Closet (tank type)
- Plumbing fixtures in secure spaces will be stainless steel, anti-ligature correctional-grade fixtures.
- Restroom faucets to be Zurn Model Z81101 series 4".
- All water closets and urinals will be manual flush valve types.
- Floor mount sinks and floor mount water closets.

D2020 - Sanitary Waste

- Waste requirements for the building renovation and expansion are as follows:
 - Total Fixture Unit Count: 61 DFU
- Waste and vent piping installed above grade shall be PVC, except where noise is a concern in which case piping shall be cast iron. Piping installed below grade shall be PVC.
- Resulting Building Waste Line Size: to be determined how the new waste can connect to the existing waste system.
- Waste and vent piping will be in compliance with the International Plumbing Code and as required by the State of Colorado.
- Floor drains will be provided in each restroom including single fixture restrooms.
- Provide trap guards for all floor drains.
- Waste and Vent Standards
 - Minimum 3" diameter pipe required for all vents through roof.
 - Cleanout required every 50 ft. of horizontal waste piping inside the building.
 - Maintain minimum 10 ft. separation between waste and domestic water piping when underground.
 - Minimum 2" diameter pipe is required for all underground waste piping.
- Extend the existing waste and vent system to expansion areas. Design team to analyze existing main sizes.

D2030 – Building Support Plumbing Systems

D2030.10 - Stormwater Drainage Equipment

- A fully piped primary/secondary roof drainage system will be provided.
- Piping shall be cast iron.
- Roof drainage will match the existing roof drainage system. Roof drainage will be collected by roof drains and conducted through interior piping to connections with the site drainage system. It is yet to be determined if new roof drainage will connect to existing lines or require new mains.

Overflow drainage will be collected to roof drains with internal dams and conducted vertically via interior piping to discharge at grade through downspout nozzles. Refer to Civil site plan for general location of storm drain system outlets.

- Two existing storm drains will need to be relocated from the expansion area.
- Provide heat trace on all new roof drain bodies. Overflow downspouts “lamb’s tongues” are not heat traced.

D30 Heating, Ventilation, and Air Conditioning (HVAC)

- Note: For this report the heating hot water system has been sized to accommodate a future replacement of probation offices with one additional courtroom. Other mechanical equipment, such as air handler units, have not been sized for this future courtroom remodel.

D3010 – Existing Mechanical Systems

- The existing HVAC system consists of multiple roof-mounted air handler units (AHUs). The existing AHUs utilize a combination of natural gas and hot water coils for heat, and direct-expansion (DX) systems for cooling. Variable air volume (VAV) terminal boxes with hot water reheat coils are located downstream of most AHUs. Heating hot water is supplied by three (3) gas-burning hot water boilers in a Variable Primary configuration, located in the Boiler Room. The heating hot water contains 50% propylene glycol.
- Contractor to provide pre-reads of all existing AHUs, RTUs, and building heating water pumps. This includes but is not limited to AHU-1, AHU-6, RTU-2, AND RTU-3. This report is to be provided to the engineer of record prior to the start of design.

D3020 - Heating Systems

- A new gas-fired boiler system will be required to accommodate the additional heating load associated with the RTU hydronic heating coil and hydronic reheat terminal boxes. Due to space constraints, a new dedicated boiler room will be required, including new pumping systems. The new boiler is anticipated to match the size of the existing boilers to allow for simple rotation.
 - Lochinvar is the basis-of-design (BOD) manufacturer for the new boiler.
 - The existing boiler piping header will be replaced to accommodate the increased system capacity and new boiler location.
- If the existing boiler header is replaced, provide additional valved and capped connections to accommodate a temporary (roll-up) boiler.

- Provide a BTU meter on the boiler header for energy metering and monitoring.
- MEP Alternate #1 – The RTU may utilize a heat pump heating system with a gas-fired supplemental heating coil. Terminal units will utilize electric resistance reheat. This option eliminates the need for a new boiler and utilizes the heat pump system for the majority of annual heating operation.
- MEP Alternate #2 – The RTU may utilize a heat pump heating system with an electric resistance supplemental heating coil. This option requires connection to the emergency generator system; all associated electrical infrastructure upgrades shall be included in pricing. Terminal units will utilize electric resistance reheat.
- MEP Alternate #3 – The RTU may utilize a heat pump heating system with a hydronic reheat coil sized for full heating capacity. Based on preliminary review, the existing boiler system appears to have sufficient capacity to serve this option; however, no system redundancy or additional capacity will be available during emergency operation of the new RTU with all boilers in service.

D3030 - Cooling Systems

- Supplemental Cooling
 - Self-contained supplemental cooling units will be provided where high cooling loads are encountered. These units may be ducted through space or simply discharge directly into the space. Areas requiring supplemental cooling include security electronics equipment rooms, elevator equipment room, IT rooms, and electrical rooms.
- The rooftop unit's direct expansion (DX) / heat pump cooling system will produce 55°F (adjustable) air and maintain a space design temperature.
- The anticipated expansion cooling load is estimated at 14 tons or approximately 500 square feet per ton of cooling.

D3050 - Facility HVAC Distribution Systems

- Decentralized heating equipment: Terminal heating equipment will include radiant heat panels and/or baseboard heat (Runtal or equal), and cabinet unit heaters at all entryways.
- Design Criteria
 - Location: Eagle, Colorado, 6,700 ft. above sea level
 - Outside Design Conditions (based on 2021 ASHRAE Handbook – Fundamentals): Summer (0.4%): 89.9°F DB, 56.9°F MCWB and Winter (99.6%): -4.3°F DB. However, the below winter design temperature will be utilized for this project.

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- Summer Outdoor Temperature = 90°F DB and 60°F WB
 - Winter Outdoor Temperature = -15°F DB
- Indoor Design Temperatures:
 - Cooling, occupied spaces: 75°F, +/- 2°F
 - Cooling, unoccupied spaces: No cooling
 - Heating, occupied spaces: 70°F, +/- 2°F
 - Heating, unoccupied spaces: 60°F
- Mechanical Noise Criteria, NC (based on ASHRAE Handbook – HVAC Applications)
 - Private Offices 30
 - Conference/Meeting Room/Courtrooms 30
 - Multipurpose 50
 - Restrooms/Corridors/Lobby Areas 40-45
- Internal Cooling Load Design Assumptions:
 - Lighting = 1.0 watts/SF, for general areas
 - People = 200 SF/person
 - Equipment:
 - 2 watts/SF in staff work areas
 - 2 watts/SF in offices
 - 0.5 watts/SF in waiting areas
- HVAC, plumbing, and fire protection systems will be designed to meet the requirements of the following codes:
 - 2021 International Building Code (IBC)
 - 2021 International Mechanical Code (IMC)
 - 2021 International Energy Conservation Code (IECC)
 - 2021 International Fuel Gas Code (IFGC)
 - 2021 International Residential Code (IRC)
 - 2021 International Plumbing Code (IPC)
- HVAC Zoning
 - Common exposure offices will be able to share terminal boxes with no more than 4 rooms to a terminal box. Corner offices shall have a dedicated terminal box. Courtrooms, conference rooms and multipurpose rooms will have dedicated terminal boxes.
- Demolition
 - Within the area of remodel, demolish and replace all mechanical systems.
- Sound and vibration requirements for the entire building are to be defined by an acoustical consultant. It is anticipated that the following will be required:
 - Thickened concrete slab at the roof level.

- Full vibration isolation on large mechanical equipment on the roof.
 - Reduced airflow velocities in sound critical areas.
 - Sound attenuators with ductwork for sound critical areas.
- System Testing and Balancing
 - Balance all air flows at terminals within +10% to -5% of design flow quantities.
- HVAC Controls
 - A complete, fully integrated direct digital control (DDC) system will be provided for this facility. All equipment including exhaust fans, unit heaters, cabinet unit heaters, split systems, etc. shall be controlled by the BAS system.
 - The BAS system shall be capable of providing comprehensive historical operational data, remote alarm notifications, and detailed energy use information. These capabilities are essential to support ongoing building performance monitoring and future audit activities.
 - The existing BAS shall be modified as necessary to allow for a single BAS workstation with both new and existing equipment integrated on the same system.
 - The rooftop unit supply fan will be driven by VFDs. The supply fan VFD will increase and decrease the fan speed to maintain a constant supply duct static pressure. The relief air dampers in the AHU will control based on building pressure.
 - Variable volume air terminal boxes will be utilized to provide VAV with reheat control. The controls will include a setback function for reduced airflow for unoccupied periods or based upon time-of-day or occupancy sensor with override capability.
 - Thermostats serving occupied areas shall be configured to provide limited occupant control. Setpoint adjustment ranges will be restricted to maintain system performance, energy efficiency, and compliance with facility operational requirements.

D3050.40 – Air Handling Units

- This new expansion is anticipated to be served by packaged rooftop units provided with the following components and construction:
 - Roof curb to elevate RTU a minimum of 18", measured from the bottom of the outside air intake to the finished roof height, to accommodate snow accumulation.
 - Solid double-wall construction

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- Supply fan with variable frequency drive (VFD), premium efficiency motors
 - Minimum outside air damper section
 - MERV 8 Pre-filters; MERV 13 final filters
 - Refer to D3020 - Heating Systems for RTU heating options
 - Base: hydronic heating coil
 - Alternate #1: Heat pump with gas-fired secondary
 - Alternate #2: Heat pump with electric resistive secondary and all necessary electrical system upgrades.
 - Alternate #3: Heat pump with hydronic reheat sized for full capacity.
 - If a heat pump option is selected, it will utilize a heat pump with high efficiency compressors with the capability for cooling modulation; hot gas bypass will not be utilized.
- Daikin is the basis-of-design (BOD) manufacturer for the rooftop units.
- Estimated Capacities
 - RTU-1 (Courtroom, general spaces, and 2nd floor corridor)
 - Supply Air = 11,200 cfm
 - Outside Air = 4,000 cfm minimum setting, with 100% OA economizer
 - Heating Capacity = 420 MBH
 - Cooling Capacity = 20 Tons
- Operation: The RTU will operate as a multiple zone VAV system.

D3050.50 – HVAC Terminal Boxes

- Terminal heating will be hydronic reheat coils designed for 130°F. Heating water distribution piping, design for low temperature, will route to each terminal unit.
 - Alternate: provide electric resistive terminal boxes.
- Price Industries should serve as the basis-of-design (BOD) manufacturer of terminal boxes.
- All air terminals will be pressure independent, single duct, with hydronic reheat coils. Access doors will be provided on the upstream side of the reheat coil. The casing will include an integral 4' sound attenuator with hospital grade acoustic liner and an access door upstream of the reheat coil. The minimum terminal unit size will be 8". The Schematic Design budget shall include one air terminal box per 600 SF of gross building area.

D3060 – Ventilation

D3060.10 – Supply Air Systems

- Air will be distributed through medium pressure ductwork to air terminals. Medium pressure ductwork will be externally insulated, galvanized steel, rectangular or spiral seam round duct, constructed to SMACNA +6" pressure class in mechanical rooms and shafts, +4" pressure class elsewhere. Ductwork bracing using internal tie rods will be acceptable only on ductwork 48" and larger. Ductwork downstream of air terminals will be externally insulated, galvanized steel, rectangular or round, constructed to SMACNA +2" pressure class. All medium pressure ducts will be leak tested, and low-pressure duct will be spot-checked.
- Provide all necessary ductwork, insulation wrap, volume dampers and diffusers downstream of terminal boxes. Diffuser run-outs shall have final connections made from flex duct not to exceed 6'-0" in length. Volume dampers shall be provided with locking quadrant and shaft seal. Volume dampers located over hard lid ceilings shall have remote electric damper operators.
- Air device locations in the courtroom shall be coordinated with ceiling mounted recording devices.
- All ductwork shall be protected from dust/dirt contamination from the point of manufacturer to the point of owner occupancy.
- Smoke/fire dampers will be provided at all code-required locations. Damper actuators will be electric. Dampers will be grouped together into zones. Conveniently located control panels will be provided for each zone. In general, zones will follow architectural smoke barriers.
- Access doors and hatches will be provided to allow removal of equipment being accessed inside.
- Center pin "TORX" security screws are required on all inmate accessible devices where exposed.
- Security bars shall be placed in ductwork (8x8 or larger) crossing any containment barriers.
- The Holding cell adjacent to the new courtroom will require security anti-ligature air devices.
- Manual volume dampers shall be provided in branches to all diffusers in all supply, return and exhaust ductwork for balancing.
- Supply air ductwork will be sized utilizing low pressure drop design following the criteria in the table below:

Type of Duct	Maximum Pressure Drop (IN. W.C. per 100ft of Duct)	Maximum Duct Velocity (FPM)
Medium Pressure	0.2	2,000
Low Pressure	0.07	1,500

- Medium and low-pressure supply duct will be externally wrapped with insulation to limit duct heat loss/gain.

D3060.20 – Return / Exhaust Air Systems

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- General exhaust systems will be provided for all toilet rooms, janitor's closets, locker rooms, and other code required or potentially contaminated areas. All building exhaust systems terminate on the roof at upblast centrifugal exhaust fans mounted on an 18" curb.
- Return air will utilize plenum return. Transfer air will be through lined transfer openings that include at least (2) elbows. These are to be sized at a maximum of 500 FPM for the cumulative airflow through each transfer.
- Smoke/fire dampers will be provided at all code-required locations. Damper actuators will be electric. Dampers will be grouped together into zones. Conveniently located control panels will be provided for each zone. In general, zones will follow architectural smoke barriers.
- Center pin "TORX" security screws are required on all inmate accessible devices where exposed.
- Security bars shall be placed in ductwork crossing any containment barriers.
- Manual volume dampers shall be provided in branches to all diffusers in all supply, return, and exhaust ductwork for balancing.
- Return and exhaust air ductwork will be sized utilizing low pressure drop design following the criteria in the table below:

Type of Duct	Maximum Pressure Drop (IN. W.C. per 100ft of Duct)	Maximum Duct Velocity (FPM)
Medium Pressure	0.2	1,800
Low Pressure	0.05 to 0.07	1,200
Transfer Air (Ductwork not directly connected to a fan)	0.01 to 0.03	350 to 500

D40 Fire Protection**D4010 – Fire Suppression****D4010.10 – Water-Based Fire-Suppression****D4010.1020 – Water-Based Fire-Suppression – Standpipes**

- Water based fire suppression system throughout, with a double interlock pre-action system serving the 2nd floor Gallery, Machine Room and Control Room.
- The building is required to be sprinkled throughout. Extend and modify as required the existing fire protection system to the expansion areas. Reconfigure for all areas with architectural layout changes.
- Fire sprinkler heads installed in secure areas will be anti-ligature institutional grade heads similar to Tyco Raven.

D4030 – Fire Protection Specialties**D4030.20 – Fire Extinguishers****D4030.40 – Fire Extinguisher Cabinets**

- Fire extinguishers and recessed or semi-recessed stainless steel fire extinguisher cabinets.

D50 Electrical

- The electrical systems will be designed to meet the requirements of the following Codes and Standards.
 - 2024 International Building Code
 - 2024 International Energy Conservation Code
 - 2024 International Fire Code
 - 2023 NFPA 70 – National Electrical Code
 - 2023 NFPA 72 – National Fire Alarm Code
 - 2023 NFPA 101 – Life Safety Code
 - 2023 NFPA 110 – Emergency and Standby Power Systems

D5010 – Electrical Service and Distribution

- Electrical service #1 consists of a pad mounted utility transformer with 1900-amp underground feed serving a 208/120-volt, 3-phase, 4-wire, 800-amp main distribution switchboard “MSDB” and 800-amp emergency main distribution switchboard “EMSDB.” MSDB/EMSDB are located in a basement level main electrical room on the North side of the building. The switchboards appear to have been installed with the original building construction in approximately 1985. MDSB is equipped with an 800-amp main circuit breaker and fused switches. An 800-amp sub feed circuit breaker feeds and 800-amp/3-pole automatic transfer switch, which intern feeds the fused distribution switchboard EMDSB. The MSDB and EMSDB feed branch circuit panelboards, mechanical equipment and other loads located throughout the original building footprint.
- Electrical service #2 consists of a pad mounted utility transformer with 1600-amp underground feed terminates at a 480/277-volt, 3-phase, 4-wire, 1600-amp main distribution center (MDC). The MDC is located in the main electrical room. The MDC serves roof top equipment and branch circuit panelboards installed as part of the 2010 building addition. A photovoltaic system located on a roof structure along the South side of the building is connected to the MDC.
- A 250kW/313kVA, 208/120-volt, 3-phase, 4-wire standby diesel generator provides standby and emergency power to the building. An 800-amp generator circuit breaker feeds a gutter with parallel 400-amp enclosed circuit breakers feeding the MSDB automatic transfer switch (in the 1985 building) and a generator distribution panelboard (in the 2010 building) respectively.
- The existing electrical distribution equipment located on the Administration and Courts side of the building appears to have capacity to support the building renovation. A new 84-circuit, 208/120-volt, 3-

phase, 4-wire branch circuit panelboard and 75-kVA step-down transformer are anticipated for the building addition. The new equipment will be fed from the existing distribution panelboard located in the Administration area branch electrical room.

- The are multiple HVAC system design options that will have the following impacts to the electrical distribution system.
 - Base Bid: A new natural gas boiler would be provided within a new building addition on the North side of the building.
 - The proposed location of the building addition would require relocation of the existing pad mounted utility transformer and reconfiguration of the primary electrical service (by the utility company) and secondary electrical feeders.
 - Alternate #1: A roof top unit with electric heat and natural gas backup would be provided. Additionally, terminal boxes with integral electric heating coils will be provided throughout the building renovation and addition areas.
 - Electrical Service #2 is anticipated to be replaced with a new 2500-amp to 3000-amp electrical service and main distribution switchboard. The roof top unit would be fed from the main distribution center. A 480/277-volt, 400-amp (minimum) branch circuit panelboard would be required to serve the terminal box electric heating loads.
 - Alternate #2: A heat pump type roof top unit with electric heating coil would be provided.
 - The roof top unit will require generator backup power and thus the existing 250kW generator is anticipated to be replaced with a new 400-500kW generator. Additionally, the downstream distribution system components, including transfer switches, panelboards and associated feeders will be replaced.
 - Alternate #3: A heat pump type roof top unit with hydronic reheat coil would be provided.
 - No major impacts or modifications to the existing electrical distribution system are anticipated. The new roof top unit will be connected to the main distribution switchboard.

D5020 – General Power Systems

- Demolition:

- Existing receptacles and other power connections located on walls and ceilings scheduled for demolition will be disconnected and removed.
- General power will be provided as required by the National Electrical Code (NEC) and equipment requirements, including mechanical equipment, audio/visual equipment, security equipment, other equipment, etc.
- The new courtroom will be equipped with receptacles around the perimeter of the space for general convenience purposes. The following additional power connections will be provided within the courtroom at a minimum.
 - Two (2) double duplex receptacles at the Judge's bench.
 - Four (4) duplex receptacles at the court clerk station.
 - One (1) duplex receptacle at the witness stand.
 - One (1) flush floor box with three (3) duplex receptacles at the court recorder station. The floor box will have accommodations for data and AV device connectivity.
 - One (1) flush floor box with three duplex receptacles at each of the attorney tables. The floor boxes will have accommodations for data and AV device connectivity.
 - Four (4) duplex receptacles at the front row and four (4) duplex receptacles at the back row of the jury box.
 - A minimum of four (4) duplex and one (1) double duplex receptacles will be provided within the Judge's chamber. Additionally, One (1) flush floor box with three duplex receptacles will be provided at the Judge's desk/meeting table. The floor box will have accommodations for data and AV device connectivity.
- A minimum of two (2) dedicated power connections will be provided within the Courtroom Technology Room. Exact requirements will be determined as the design progresses.
- Each private office will be equipped with a minimum of (4) duplex receptacles. Power connections will be provided to open office workstations per the requirements of the selected furniture system.
- Conference rooms will be equipped with perimeter receptacles and floor devices as required by the 2023 NEC, Section 210.65.
- Power will be provided in each location as necessary for ceiling mounted projectors, projection screens, wall mounted digital displays, audio/visual equipment, etc.
- Dedicated power connections will be provided in break areas for refrigerators, microwaves, coffee makers, dishwashers, vending machines, etc. as required.

- Dedicated power connections will be provided at each new electric water cooler/bottle filler.
- Duplex receptacles will be provided throughout the building for general convenience power in corridors, lobbies, mechanical rooms, electrical rooms, janitor closets, restrooms, elevator machine rooms and other similar spaces. Additional devices and circuits will be provided as required for electric water coolers, copy machines, refrigerators, coffee makers, dishwashers, garbage disposals, microwaves and other owner furnished equipment.
- Duplex receptacles located in the following areas will be split wired and controlled via the lighting control system occupancy vacancy sensor per the requirements of the 2021 IECC Section C405.11.
 - Enclosed offices
 - Conference rooms
 - Copy and print rooms
 - Breakrooms
 - Classrooms
 - Open office workstations
- A normal power connection will be provided from the MDC for the new elevator. The elevator equipment disconnect switches will be installed in the Elevator Machine room.
- Exterior receptacles shall be GFI type and provided with in-use type weatherproof covers. Receptacles will be located near each building entrance and near any exterior mechanical equipment.
- Power connections will be provided as required for mechanical equipment, mechanical controls, motorized dampers and other equipment as required.
- Refer to the Mechanical and Technology Systems narratives for additional information.
- Branch Circuits
 - Branch circuits will be single conductor, 600V, stranded copper, THHN/THWN insulation with continuous color coding.
 - All branch circuits will be installed in conduit.
 - The minimum size conductor will be 12 AWG.
 - Each branch circuit will be provided with a dedicated neutral conductor to avoid multiwire circuits.
 - No more than six (6) current carrying conductors (3 phase, 3 neutral) will be installed in one conduit.
- Raceways and Boxes
 - Raceways for feeders and branch circuits will be Electrical Metallic Tubing (EMT) subject to the restrictions of the NEC,

minimum size 3/4". EMT will not be used in concrete construction or where subject to mechanical damage.

- All line voltage conductors will be installed in conduit.
- Set screw fittings will be used for interior EMT conduit.
- Liquid-tight Flexible Metal Conduit (LFMC) will be used for motor connections.
- All boxes will be steel.
- Raceways will be identified with painted couplings and connectors.
- All junction and pull boxes will be labeled with self-adhesive labels. All electrical equipment will be labeled with engraved nameplates.
- Wiring device labeling will be provided on the outside of each cover plate with Kroy lettering. Device cover plates will not be engraved.
- **Wiring Devices**
 - Switches and receptacles will be self-grounding, side and back wired with terminal screws and clamps listed for use with stranded wire.
 - GFCI receptacles will be provided where required by NEC 210.8.
 - Automatic controlled receptacles will be provided where required by IECC C405.11. The receptacles will be split-controlled utilizing local lighting occupancy sensors.
 - All receptacles will be specification grade.
 - Cover plates shall be brushed stainless steel.
 - Floor receptacles will be provided in meeting rooms as required by NEC 210.65.
 - All duplex and special purpose receptacles indicated for specific equipment will be connected to a dedicated circuit.
 - Convenience receptacles for general use, such as offices, lounges, lobbies, etc., will have a maximum of six (6) duplex receptacles per 20A, single-pole circuit.
- **Lightning Protection System**
 - The lightning protection system on the existing building consists of a Franklin system with driven ground rods around the perimeter of the building.
 - At multiple locations on the existing building roof, lightning protection cables had been disconnected or cut. These cables shall be repaired and reconnected. Additionally, it appears multiple air terminals were removed and shall be reinstalled. Additional information will be provided as the design project progresses.

- A lightning protection system will be provided at the building additions and connect into the existing system at the roof. Driven ground rods will be provided as required at the perimeter of the building additions. The system will be provided with a UL 96A Master Label.
- Air terminals will be provided for roof coverage and any equipment mounted on the roof. The air terminal material will match the roof flashing material.
- Copper downlead conductors will be located within the exterior walls and connect to the perimeter ground loop.
- Copper downlead conductors will be located within the exterior walls and connect to the perimeter ground loop.

D5040 – Lighting

- Demolition:
 - Existing lighting and lighting control devices will be disconnected and removed within areas directly impacted by the proposed renovation.
- New pole mounted, LED luminaires will be provided for the reconfigured parking lot and drive lane on the West side of the building. The new luminaire poles will 25-ft, square steel poles mounted on concrete pole bases. Luminaires will be 4000-K color temperature and controlled via the building lighting control system.
- Interior lighting will be designed to meet the current requirements of the International Energy Conservation Code (IECC). Unless noted otherwise during the design development phase, interior lighting will be specified as follows:
 - LED, 85 color rendering index (CRI) and 3500-K color temperature
 - 0-10 volt, 10% dimming drivers in offices, meeting rooms and similar spaces; 0-10 volt, 1% dimming drivers in the court room and judge chamber.
 - Exit signs will be green LED with white thermoplastic housing, 90-minute battery packs and self-testing diagnostics.
- The lighting control system will be designed to meet current requirements of the IECC.
 - A low-voltage, programmable lighting control system is anticipated, consisting of head-end equipment, low-voltage switches (dimming and non-dimming), occupancy/vacancy sensors, interior daylight harvesting photosensors, etc. as required by the IECC.
 - The following describes the lighting control intent for the various space types.

- Offices: Ceiling mounted dual-technology vacancy sensor (manual on, auto off); low-voltage dimming switch (10%)
- Open Offices: Ceiling mounted dual-technology vacancy sensor (manual on, auto off); low-voltage dimming switch (10%)
- Conference/Jury Deliberation: Ceiling mounted dual-technology vacancy sensor (manual on, auto off); low-voltage dimming switch (1%)
- Judge Chamber: Ceiling mounted dual-technology vacancy sensor (manual on, auto off); low-voltage dimming switch (1%)
- Restrooms/Storage: Low-voltage wall mounted occupancy sensor with manual on/off.
- Jury Assembly: Ceiling mounted dual-technology vacancy sensor (manual on, auto off); low-voltage dimming switch (10%)
- Break Rooms/Kitchenette: Ceiling mounted dual-technology vacancy sensor (manual on, auto off); low-voltage switch.

D60 Communications

This narrative provides a conceptual overview of the technology systems planned for this project. Because 'technology' is such a broad term, for the purposes of this document the term 'technology' will be used to collectively refer to the systems below:

- Communications Infrastructure
- Audiovisual
- Low Voltage
- Electrical Infrastructure (Rough-in)

The Owner (or an entity so designated by the Owner) will be responsible for those systems for which 'Owner Responsibility' is indicated in the table, including coordinating the design of those systems with the A/E Design Team to ensure that building components (e.g. power, cabling, etc.) necessary for the support of those systems are provided as part of the project.

D6010 – Data Communications

- The communications infrastructure system (also known as the 'Structured Cabling System') provides the infrastructure necessary to support various data, voice, and other communications systems and

applications. This system consists of Communications Rooms and Cabling.

- Communication Cabling System, including but not limited to communications cabling (horizontal, inside plant backbone, and Telecommunications Rooms (TRs) patch cabling), TR room design, communications pathways (raceways, conduit/boxes, cabling supports, connections and faceplates), head-end cable routing equipment (equipment racks, backboards, grounding and bonding equipment and patch panels). Not included are WAPs, switches, UPSs).
- Unless otherwise noted, the communications infrastructure system will be designed and constructed to Owner standards, TIA/EIA standards, and industry best-practices, and will furthermore adhere to the principles outlined in the BICSI Telecommunications Distribution Methods Manual (TDMM).
- Communications rooms consist of TRs, and potentially smaller Equipment Rooms. Communications rooms are rooms and areas where communications cabling systems are terminated, and equipment is installed.
- Free-standing equipment racks and/or cabinets are located within communications rooms and are typically centered within the room along the long axis, with space for a minimum of one future equipment rack to be installed. Ladder rack “T-shaped” the room – providing the necessary routing for cables from their entry point within the room to their respective termination points within the racks and/or cabinets.
- Considerations for these rooms, such as equipment, rack and cabinet usage, space allocations, size, electrical and mechanical loads, receptacle types and quantities, etc. will be developed further in the design based on Owner existing standards and systems.
- There will be at least two (2) separate networks (State/Judicial and County). Each entity’s standards will be followed based on locations required. Separation of servers and active equipment or cabling and pathways is to be developed further in the design.
- Telecommunications outlet quantities and locations will be based on Owner-provided judicial facility requirements and will be coordinated with furniture layouts and electrical systems during design development.
- The horizontal distributed cabling will connect from the IDF back to the existing MDF.

D6030 – Audio-Video Communication

- Audiovisual Systems are made up of various technologies designed to reinforce, enhance, present, and interact with audio and visual content. These technologies include various hardware devices, software, and the

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environment (rooms and spaces) within which the hardware and software work.

- A centralized control room and/or centralized control functionality (i.e. multiple AV-equipped rooms capable of being controlled from a central location) will be provided for the Court room system.
- AV equipment will be Owner furnished Owner installed with the exception of speakers.
- Unless otherwise noted, the audiovisual systems will be designed and constructed by the owner team.
- Scope will include rough-in for AV systems and speakers to be contractor furnished contractor installed.

Specifications Required

10 44 13	Fire Protection Cabinets
10 44 16	Fire Extinguishers
14 21 00	Electric Traction Elevators
14 24 13	Hydraulic Freight Elevators
26 74 00	Electrical for Communications Systems
27 00 10	Basic Communications Requirements
27 00 20	Contractor Qualifications
27 00 30	Bidding
27 00 40	Warranty
27 00 50	Quality Assurance
27 00 60	Training
27 04 05	Common Work – Sleeves, Penetrations, and Firestopping
27 04 06	Common Work – Hangers and Supports
27 05 00	Electrical Technology – General Requirements
27 05 26	Electrical Technology – Grounding and Bonding
27 05 33	Electrical Technology – Conduit and Boxes
27 05 43	Electrical Technology – Underground Ducts and Raceways
27 05 45	Electrical Technology – Maintenance and Hand Holes
27 10 00	Communications – General Requirements
27 11 00	Communications – Equipment Room Fittings
27 11 19	Communications – Termination Equipment
27 13 00	Communications – Backbone Cabling
27 15 00	Communications – Horizontal Cabling
27 15 43	Communications – Faceplates and Connectors
27 16 19	Communications – Patch Cords
27 17 10	Communications – Identification
27 17 20	Communications – Testing
27 17 25	Communications – Cutover
27 17 30	Communications – Demolition
27 40 00	Audiovisual – General Requirements

D70 Electronic Safety and Security

A Security System is comprised of various technologies designed to control, monitor, record, alarm and/or notify authorities when a particular event(s) has taken place. These technologies include various hardware devices, computers, software, and the environments within which the devices work. This narrative provides a conceptual overview of the security systems planned for this project. Unless otherwise noted, the security systems will be designed and constructed to Owner standards and industry best-practices.

D7010 – Access Control and Video Surveillance

- The Access Control System controls and monitors select doors throughout a facility. It provides real-time monitoring of entryways, stores entry activity for future retrieval (such as who entered a particular doorway at a given time) and secures or opens doors based upon different variables (such as time of day, departmental access verification, or individual access verification).
- A Video Surveillance System is used to monitor and record events at specified locations using video cameras and enable users to easily retrieve and review those events.
- Ancillary systems go beyond standard security systems to include the sub-systems outlined below. These systems augment or otherwise enhance safety, security, and communications with onsite personnel as well as authorities.
- An Intrusion Detection System (IDS) monitors critical areas within the facility for motion or for unexpected sounds (such as the sound of breaking glass). Currently, no IDS is included.
- A duress system is applied in spaces where interaction with the public may escalate into an emergency situation. They are often composed of strategically located, hardwired discreet buttons, although wireless buttons are also sometimes used. In most cases the duress system is integrated with the Intrusion Detection or Access control System depending on requirements. The system may also be stand-alone with its own display panel/monitoring location.
- Intercom systems are used at entryways, parking gates, and other locations where controlling access to a room, space, parking area, etc. is necessary. These systems are typically used in conjunction with an Access Control system to enable a remote operator to open a controlled door/gate. They are comprised of one or more sub-stations used at entry points connected to a master station. They can be network (IP) based or analog based.
- Considerations for manufacturers, device types and quantities, etc. will be developed further in the design based on Owner existing standards and systems.

D7050 – Detection and Alarm**D7050.10 - Fire Detection and Alarm**

- Demolition:
 - Existing fire alarm devices within the renovation area will be disconnected, removed and retained for reinstallation.
- The existing fire alarm system will remain in place and operational during project construction. The Contractor shall take care in maintain the integrity of the existing system. The sequence of operation of the existing fire alarm system will remain unchanged from the current configuration.
- New fire alarm notification and initiation devices will be provided within the building addition to meet current Code requirements. The new components will be of the same manufacture as the existing fire alarm system. The fire alarm notification system consists of horn/strobe and strobe only devices.
- Notification devices will be mounted on walls. Ceiling-mounted devices are only allowed when it is not possible or practical to wall-mount.
- Initiating devices for elevator recall will be located in new elevator hoistway and equipment room as required by the local AHJ. Elevator recall will also be accomplished by smoke detectors in the elevator lobby on each floor.
- Fire alarm wiring will be contained in EMT conduit.

Specifications Required

21 05 00	Common Work Results For Fire Protection
21 10 00	Water Based Fire Protection
22 05 00	Common Work Results For Plumbing
22 05 19	Meters And Gauges For Plumbing Piping
22 05 23	General-Duty Valves For Plumbing Piping
22 05 29	Hangers And Supports For Plumbing Piping And Equipment
22 05 33	Heat Tracing For Plumbing Piping
22 05 48	Vibration And Seismic Controls For Plumbing
22 05 53	Identification For Plumbing
22 07 00	Plumbing Insulation
22 10 23	Plumbing Pumps
22 11 16	Domestic Water Piping
22 11 19	Domestic Water Piping Specialties
22 13 16	Sanitary Waste And Vent Piping
22 13 19	Sanitary Waste Piping Specialties
22 14 13	Facility Storm Drainage Piping
22 14 23	Storm Drainage Specialties
22 34 00	Water Heaters
22 40 00	Plumbing Fixtures
23 05 00	Common Work Results For Mechanical

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23 05 07	Motors, Drives, Motor Controllers And Electrical Requirements For Mechanical Equipment
23 05 09	Mechanical Fire Stopping
23 05 10	Basic Piping Materials And Methods
23 05 23	Valves
23 05 29	Hangers And Supports For HVAC And Plumbing Piping And Equipment
23 05 33	Heat Tracing
23 05 48	Vibration And Seismic Controls
23 05 53	Mechanical Identification
23 05 93	Testing, Adjusting, And Balancing For HVAC
23 07 00	Mechanical Systems Insulation
23 08 00	Mechanical Commissioning
23 09 00	Instrumentation And Control For Mechanical Systems
23 09 93	Sequence Of Operation
23 21 13	Hydronic Piping
23 25 00	Water Treatment
23 25 50	Glycol Systems
23 31 13	Metal Ducts
23 33 00	Air Duct Accessories
23 34 00	HVAC Fans
23 36 00	Air Terminal Units
23 37 13	Diffusers, Registers And Grilles
23 52 16	Condensing Boilers
23 74 43	Packaged Rooftop Heating And Cooling Units
23 82 00	Decentralized Heating Equipment
26 05 00	Common Work Results for Electrical
26 05 19	Low Voltage Electrical Power Conductors and Cables
26 05 26	Grounding and Bonding for Electrical Systems
26 05 29	Hangers and Supports for Electrical Systems
26 05 33	Raceway and Wireway for Electrical Systems
26 05 34	Cabinets, Boxes and Fittings
26 05 53	Identification for Electrical Systems
26 05 83	Wiring Connections
26 22 00	Low Voltage Transformers
26 24 13	Switchboards
26 24 16	Panelboards
26 25 50	Generator Docking Station
26 27 26	Wiring Devices
26 28 00	Low Voltage Circuit Protective Devices
26 28 19	Ground Fault Protection Systems
26 32 13	Engine Generators
26 36 00	Transfer Switches
26 41 00	Facility Lightning Protection
26 50 00	Lighting
26 52 00	Emergency Lighting
28 00 00	Security – General Requirements
28 10 00	Security – Access Control System
28 15 23	Security – Intercom Entry System

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28 15 70 Security – Duress System
28 20 00 Security – Video Surveillance System
28 31 11 Fire Detection and Alarm

E Equipment and Furnishings **See Interiors and Services above.** **E10 Equipment**

E1060 – Residential Equipment

E1060.10 – Residential Appliances

- Refrigerators, microwaves, and dishwashers in break rooms, judge's chamber and jury deliberation room.

E20 Furnishings

E2010 – Fixed Furnishings

E2010.10 – Fixed Audience Seating

- Provide post-mounted swivel chairs for the Jury Seating in the Courtroom.
- Basis of Design – Global, Vion line pedestal chair

E2010.2020 – Window Treatments – Roller Shades

- Manual roller shades in all private offices.
- Motorized Dual Roller Shades (include blackout shade) at Conference Room and Courtrooms

E2010.3010 – Cabinets

- Plastic-laminate (PLAM-1) cabinets where indicated on drawings

E2010.3050 Plastic Laminate Counters

- Provide counters at all copy/print workstations, Probation clerical space and conference rooms.

E2010.3060 Quartz Agglomerate Counters

- Provide counters at all breakrooms, kitchenettes, Probation clerical workstations

E2010.4000 – Solid Surface Counters & Window Stools (SS-1)

- Solid surface countertops typical at wet area locations and restrooms
- Solid Surface Window Stools at all exterior Storefront and Windows that terminate above finish floor at sill height.

Specifications Required

06 41 16 Plastic-Laminate-Clad Architectural Cabinets
11 13 19 Stationary Loading Dock Equipment
11 30 13 Residential Appliances
12 24 13 Roller Window Shades
12 36 23.13 Plastic-Laminate-Clad Countertops
12 36 61.16 Solid Surface Countertops

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12 36 61.19 Quartz Agglomerate Countertops
12 61 00 Fixed Audience Seating

F Special Construction and Demolition

F10 Special Construction

F1020 - Special Structures

F30 Demolition

F3010.10 – Building Demolition

- West portion of one-story masonry building be demolished.
- Removal of existing drive, curb cut, parking lot and paving features. shutoff or termination of existing utilities; protection of existing utilities and site features to remain; and coordination with local services providers to facilitate removal and relocation operations as directed on the contract design plans.

Specifications Required

02 41 16 Structure Demolition
13 34 19 Metal Building Systems

G Sitework

G10 Site Preparation

G1010 – Site Clearing

- Clearing and grubbing, removal of existing trees and vegetation.

G1020 – Site Elements Demolition

- Removal of existing parking lot pavement, access road, retaining walls, sidewalk, and other paving features; removal and relocation of existing utilities; protection of existing utilities (including a sanitary sewer pump vault, gas lines, and water lines) and site features to remain; and coordination with local services providers to facilitate removal and relocation operations as directed on the contract design plans.

G1070 – Site Earthwork

- Grading for new access road, cut and fill operations for new parking area and plaza, trenching and backfilling for utility connections and proposed stormwater and water infrastructure.

G20 Site Improvements

G2010 – Roadways

- Superelevated access roadway, graded to appropriate slopes for fire access and including a hammerhead turnaround for fire vehicles and delivery trucks; includes curb and gutter and stormwater infrastructure; new driveway and apron with cross pan for site access

G2020 – Parking Lots

- New spill and catch curb & gutter, and pavement for new parking areas
- Pavement marking for standard and ADA parking stalls

G2030 - Pedestrian Plazas and Walkways

- New sidewalks, with pedestrian accessible routes and curb ramps as well as ramps requiring handrails and guardrails.
- New site staircases

G2060 - Site Development

- New curb & gutter, and pavements for renovated ADA parking area and areas requiring pavement restoration as outlined on the contract design plans.
- New site retaining walls for entrance plaza and segments of the roadway and parking lot.
- New 7'-0"H security fence with privacy panel to create secure parking, including swing gates and automatic vehicle gates at the east and west lot entries.

G2080 - Landscaping

- Site furnishings.
 - Site walls.
 - Landscape planting.
 - Irrigation system.
1. All plantings to be irrigated with an automatic sprinkler system.
 2. The West Entrance of the building will be marked by concrete seat walls and perennials. 20" high concrete seat walls to have colored concrete and concrete foundations to withstand cars going 15 mph.
 3. Parking lots end islands will be landscaped with (2) deciduous trees and (20) 5-gallon shrubs. Plantings will be mulched with mineral mulch over weed barrier fabric.
 4. New trees and planting along Chamber Avenue, continuing the streetscape to the west.
 5. New deciduous trees at the revised curb cut location to mark the vehicle entry.
 6. Repair existing sod, planting, and irrigation where affected by new landscape scope.

Specifications Required

- 31 10 00 Site Clearing
- 31 20 00 Earth Moving
- 31 23 33 Trenching and Backfilling
- 31 25 00 Erosion and Sedimentation Control
- 32 01 90 Tree and Shrub Preservation

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- 32 12 16 Asphalt Paving
- 32 13 13 Concrete Paving
- 32 17 23 Pavement Markings
- 32 31 19 Decorative Metal Fencing and Gates
- 32 84 00 Irrigation System
- 32 91 00 Fine Grading and Soil Preparation
- 32 92 00 Turf and Grasses
- 32 93 00 Planting
- 32 94 00 Planting Accessories
- 32 95 00 Site Furnishings
- 33 11 00 Water Utility Distribution Piping
- 33 41 00 Storm Utility Distribution Piping

G30 Liquid and Gas Site Utilities**G3010 - Water Utilities**

- New 6" fire hydrant lateral and hydrant assembly including valves, fittings, and other related appurtenances.

G3030 - Storm Drainage Utilities

- New storm sewer inlets, laterals, and junction structures.
- Perimeter drainage system for building expansion
- Stormwater quality treatment and attenuation structures
- Excavation and embankment for areas outlined on the contract design plans including any permits or permissions required for addressing waste soil materials generated at the jobsite.
- Pollution prevention and site sediment control for the duration of the project.